

ICT Services

tralac Trade in Services Data Report

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Introduction

This data report contains a rich selection of visualised data on the extent of trade in information and communication technology (ICT) services within Africa and between Africa and the rest of the world. The narrative is restricted to captions to the figures and to citation of data sources. This report is intended to provide an understanding of this sector for non-quantitative specialists and others interested in the state of trade-in-services in Africa. It is one of a set of 8 reports, including six other sectoral reports and a framework report providing data definitions and classifications as well as detailed data sources. The framework report also provides 'bigger picture' of African services trade data with consolidated services trade data presented for the same categories (where possible) as the data reports.

Outline

This report contains the following sections:

1. Services trade data – both multilateral and bilateral services trade data for Africa for the nominated sector, by country and REC. Services trade *Mode 1* and *Mode 2* are covered by this data. Note that for the bilateral trade flow figures, a non-connected country node indicates that trade levels for this country fall below the threshold, not that they are zero.
2. Export value-added of services – mapping of the value added of services inputs into primary and secondary sector exports. This helps visualise the true extent of the trade in services in Africa as it exposes the services content of primary and secondary trade. The sectors on the left hand side of the figure are backward-linked industries to the sector under focus, and the sectors on the right hand side of the figure are forward-linked industries. The flow of the arrows indicates the flow of value.
3. Services trade restrictions: the existence of government regulations impedes trade in services within many African countries. Data only exists for certain of the sectors covered by the reports and we present what data is available. The data available and presented here only covers the *communications* sector however.

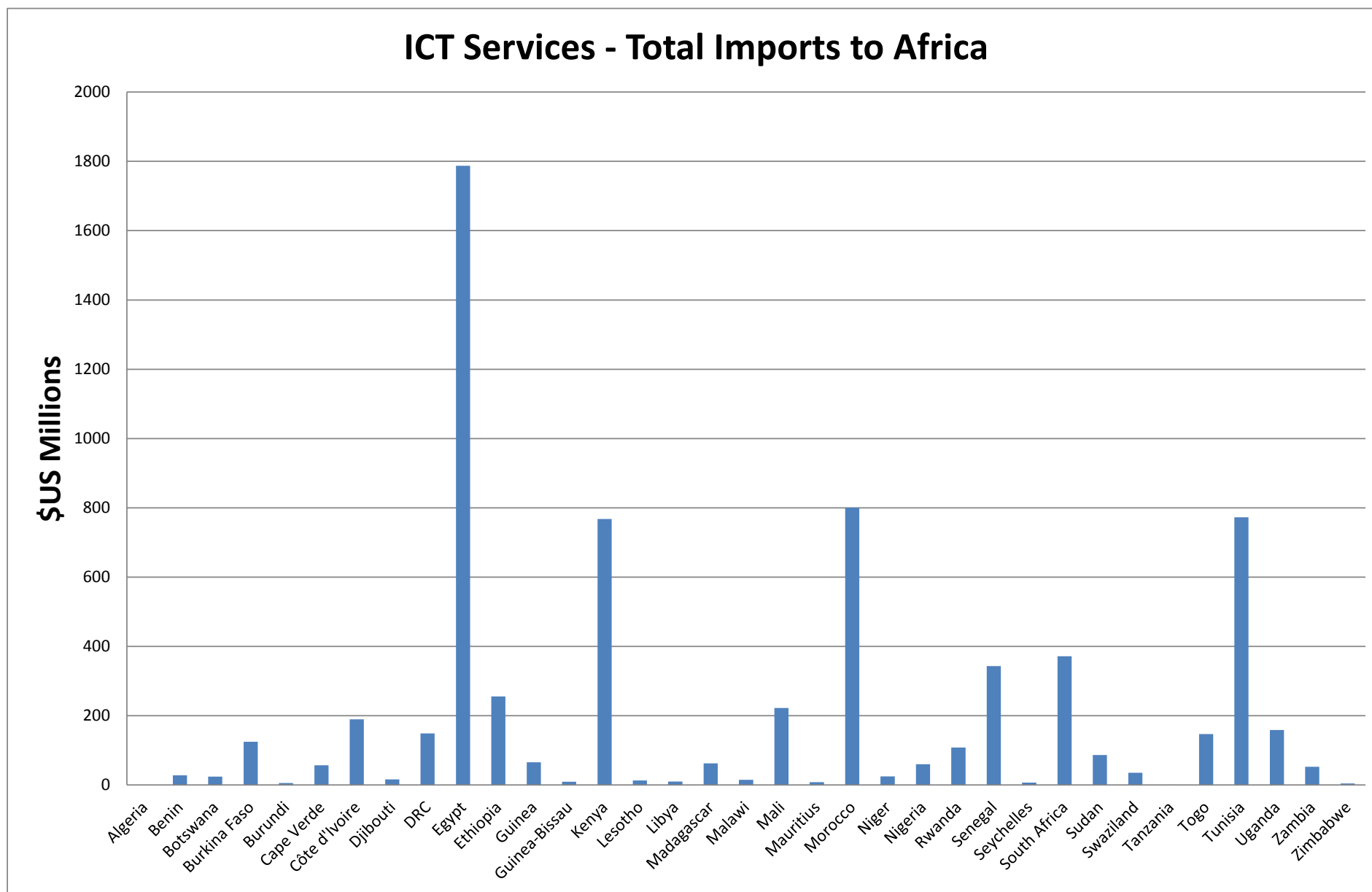


Figure 1: Total ICT Services: Imports to Africa (Source: World Bank; Year: 2011; Basis: BPM6)

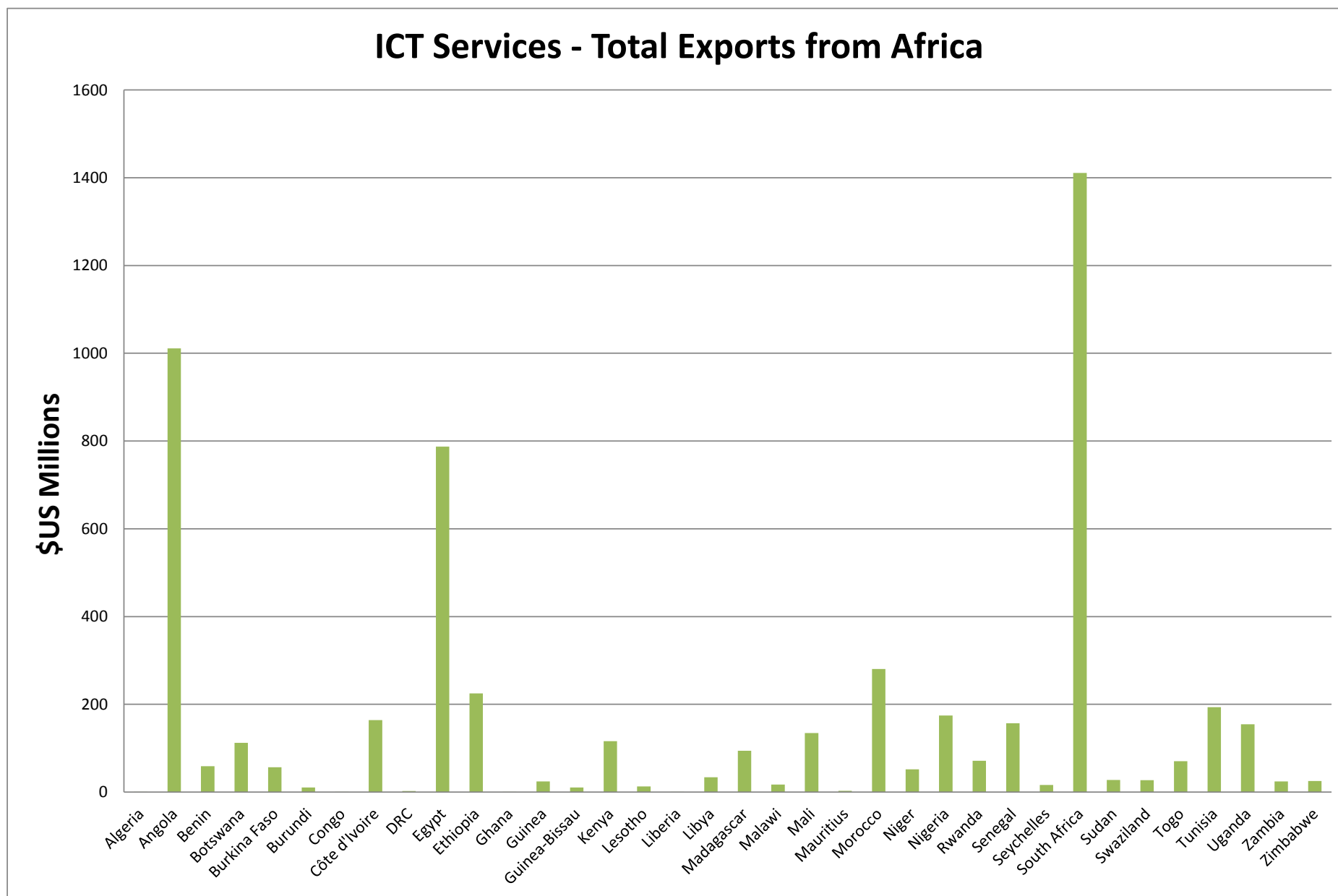


Figure 2: Total ICT Services: Exports from Africa (Source: World Bank; Year: 2011; Basis: BPM6)

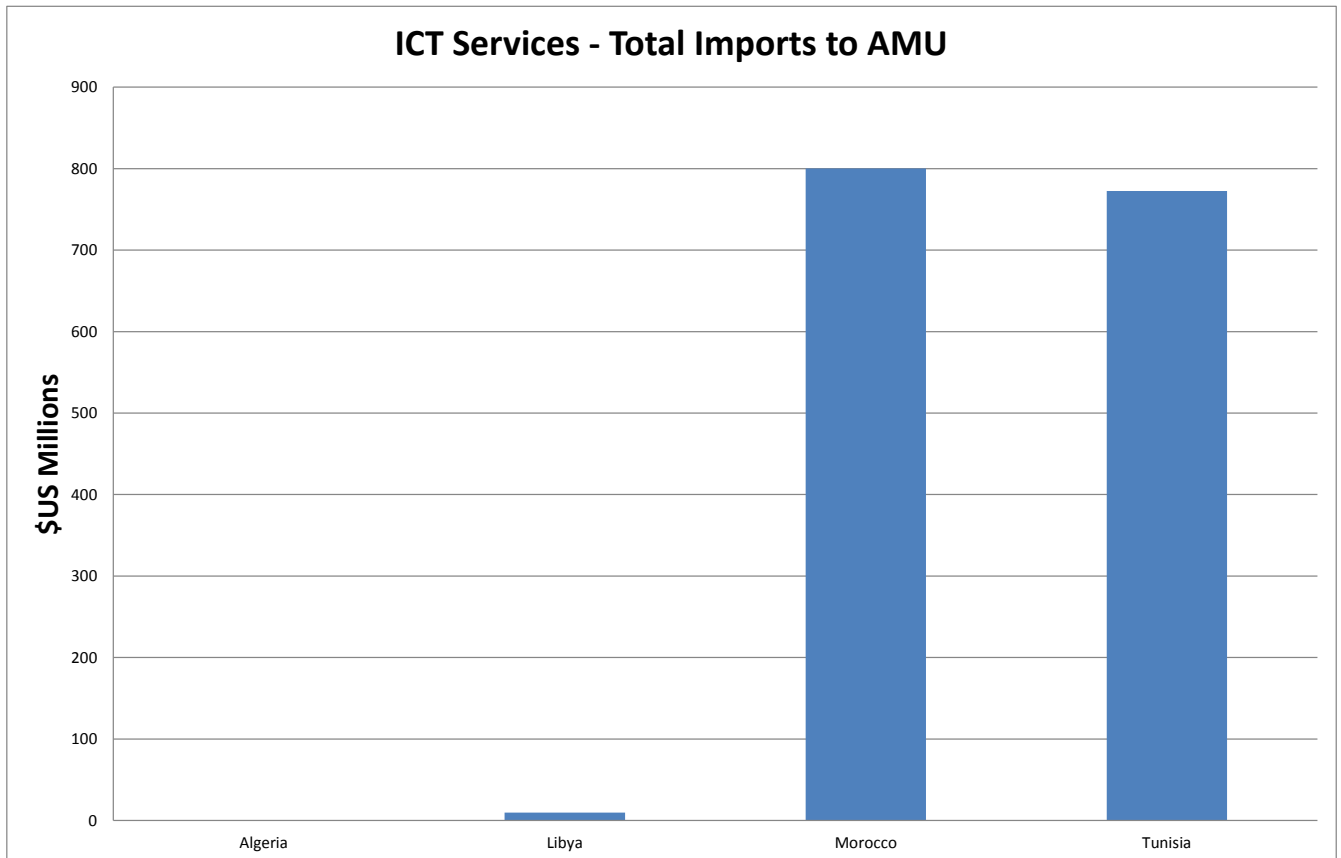


Figure 3: Total ICT Services Imports to the AMU (Source: World Bank; Year: 2011; Basis: BPM6)

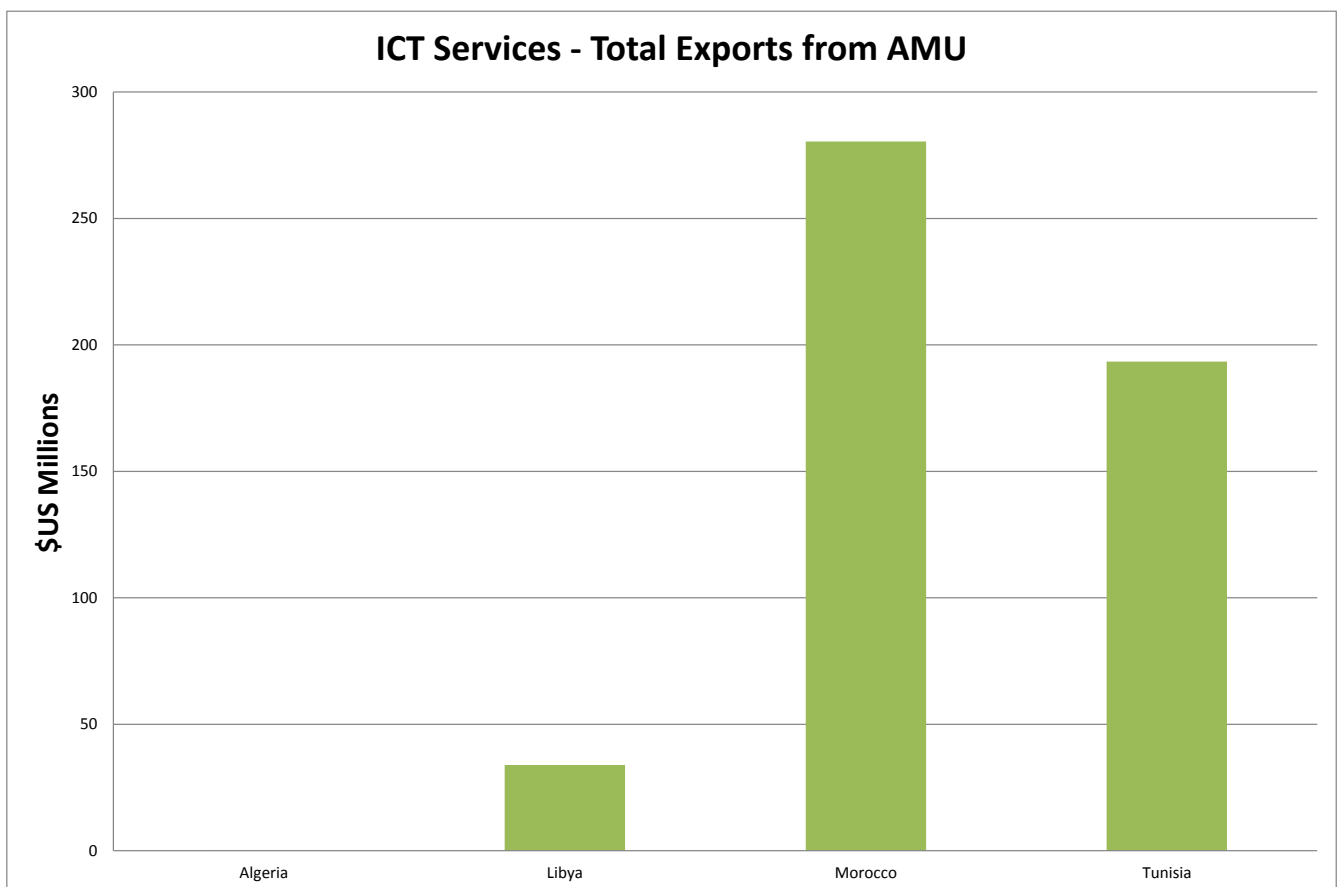


Figure 4: Total ICT Services Exports from the AMU (Source: World Bank; Year: 2011; Basis: BPM6)

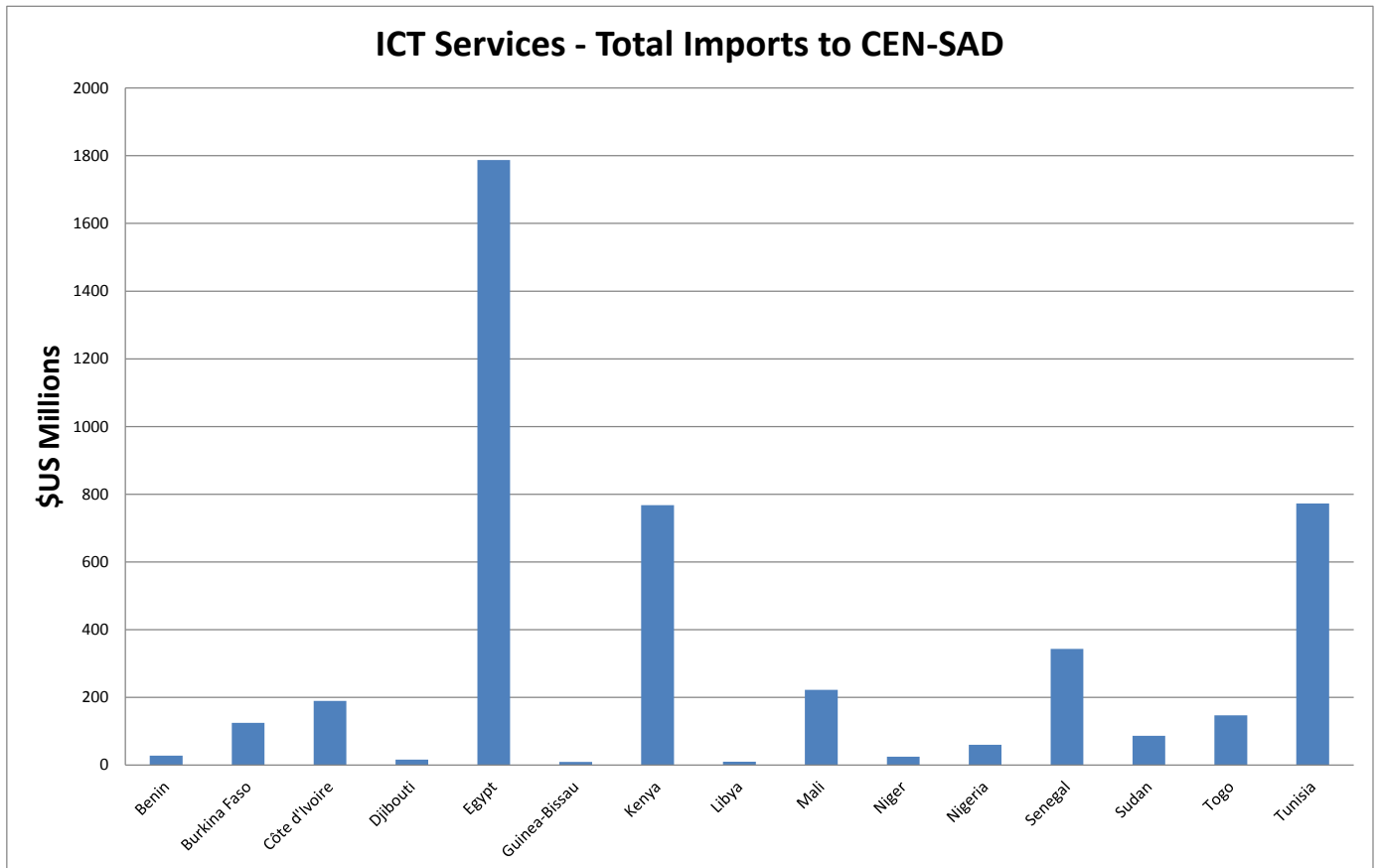


Figure 5: Total ICT Services Imports to CEN-SAD (Source: World Bank; Year: 2011; Basis: BPM6)

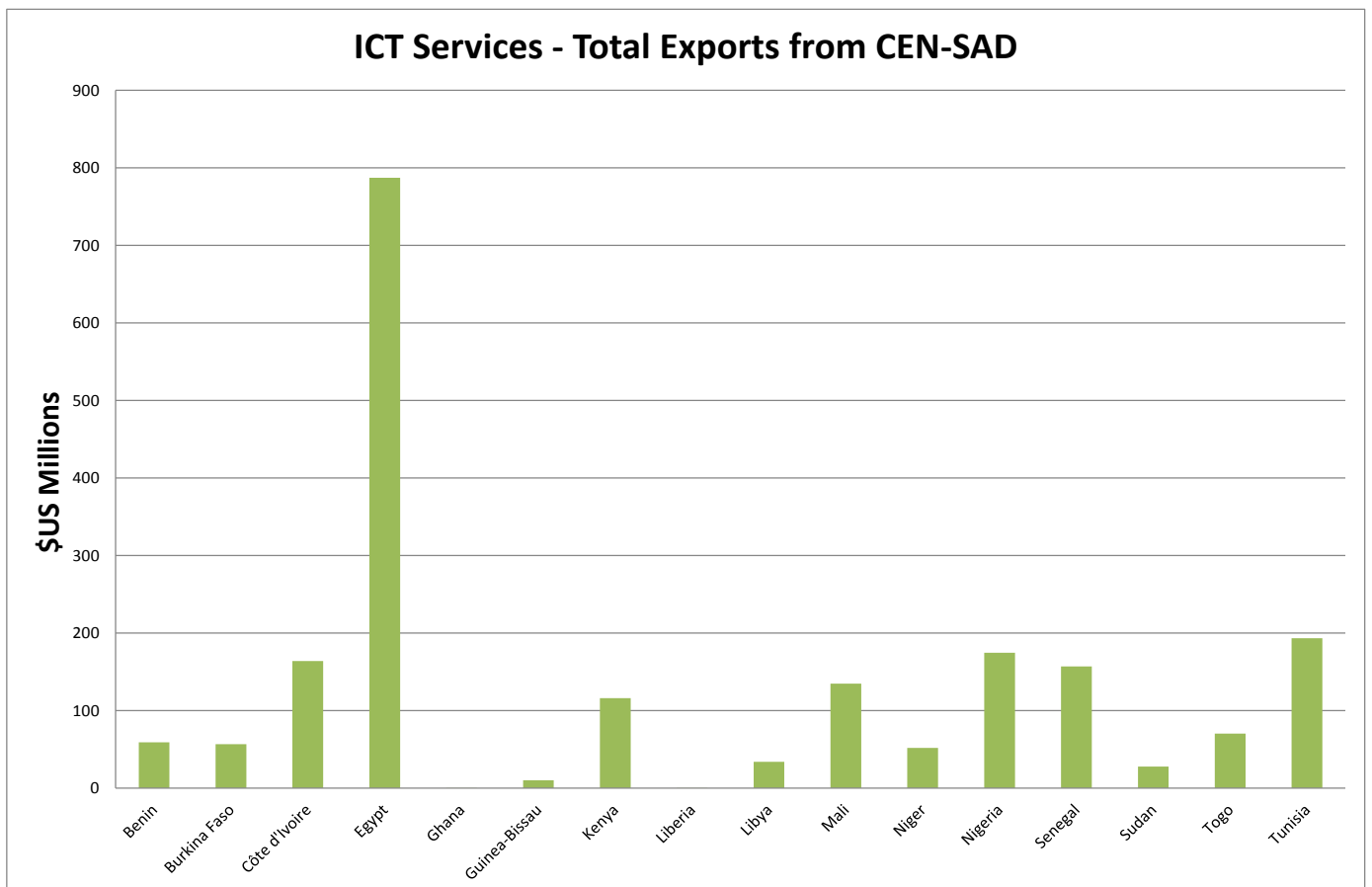


Figure 6: Total ICT Services Exports from CEN-SAD (Source: World Bank; Year: 2011; Basis: BPM6)

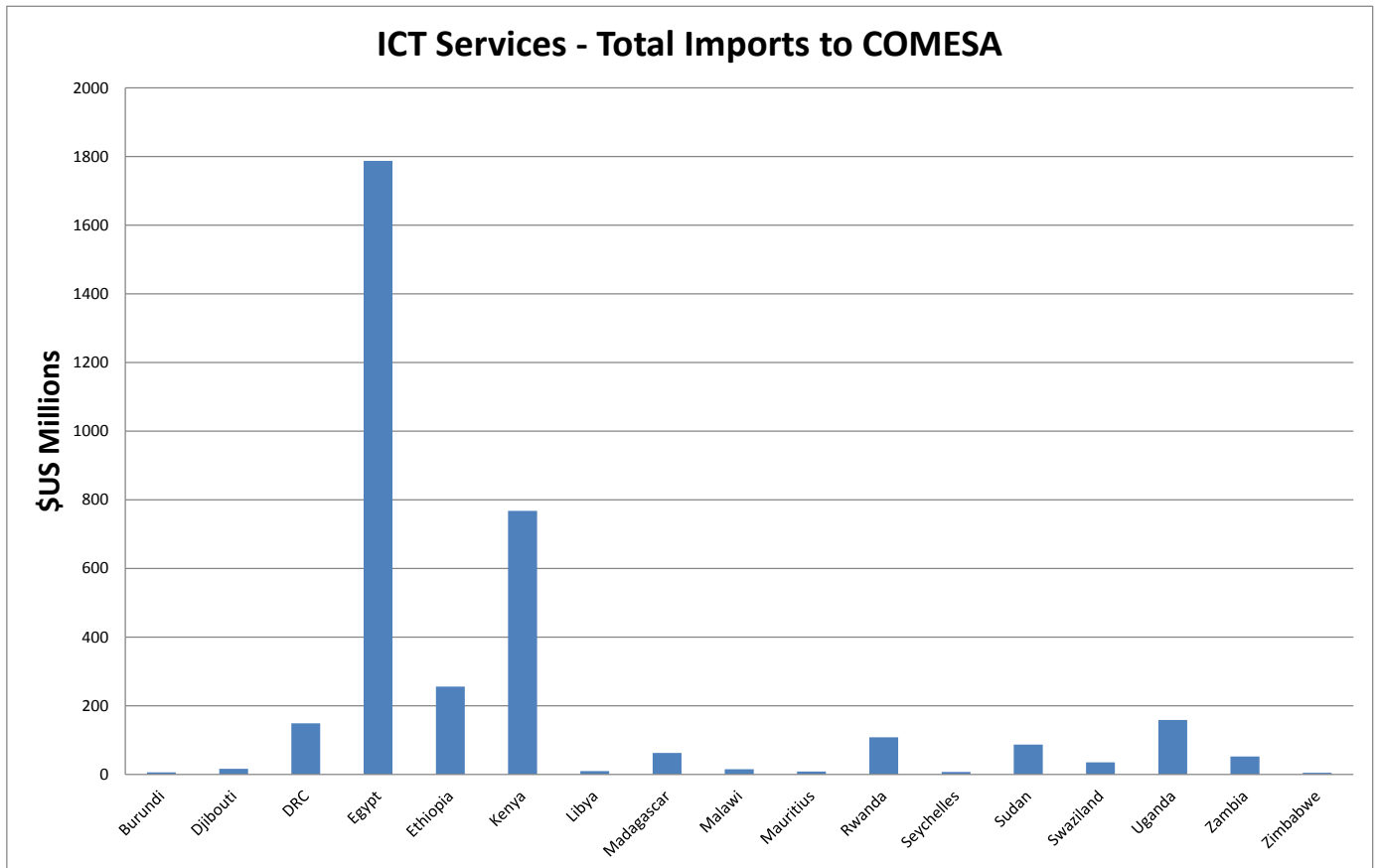


Figure 7: Total ICT Services Imports to COMESA (Source: World Bank; Year: 2011; Basis: BPM6)

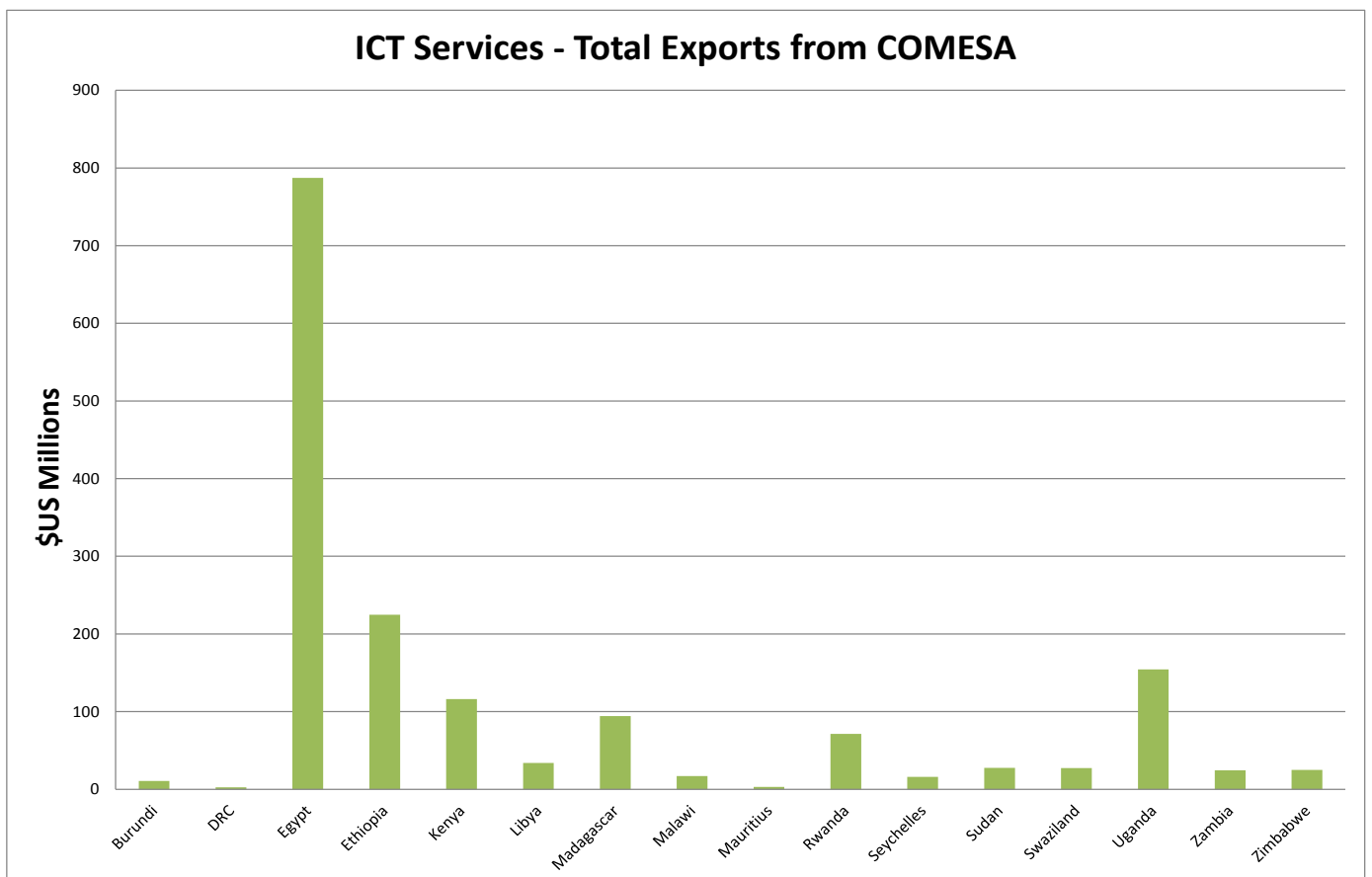


Figure 8: Total ICT Services Exports from COMESA (Source: World Bank; Year: 2011; Basis: BPM6)

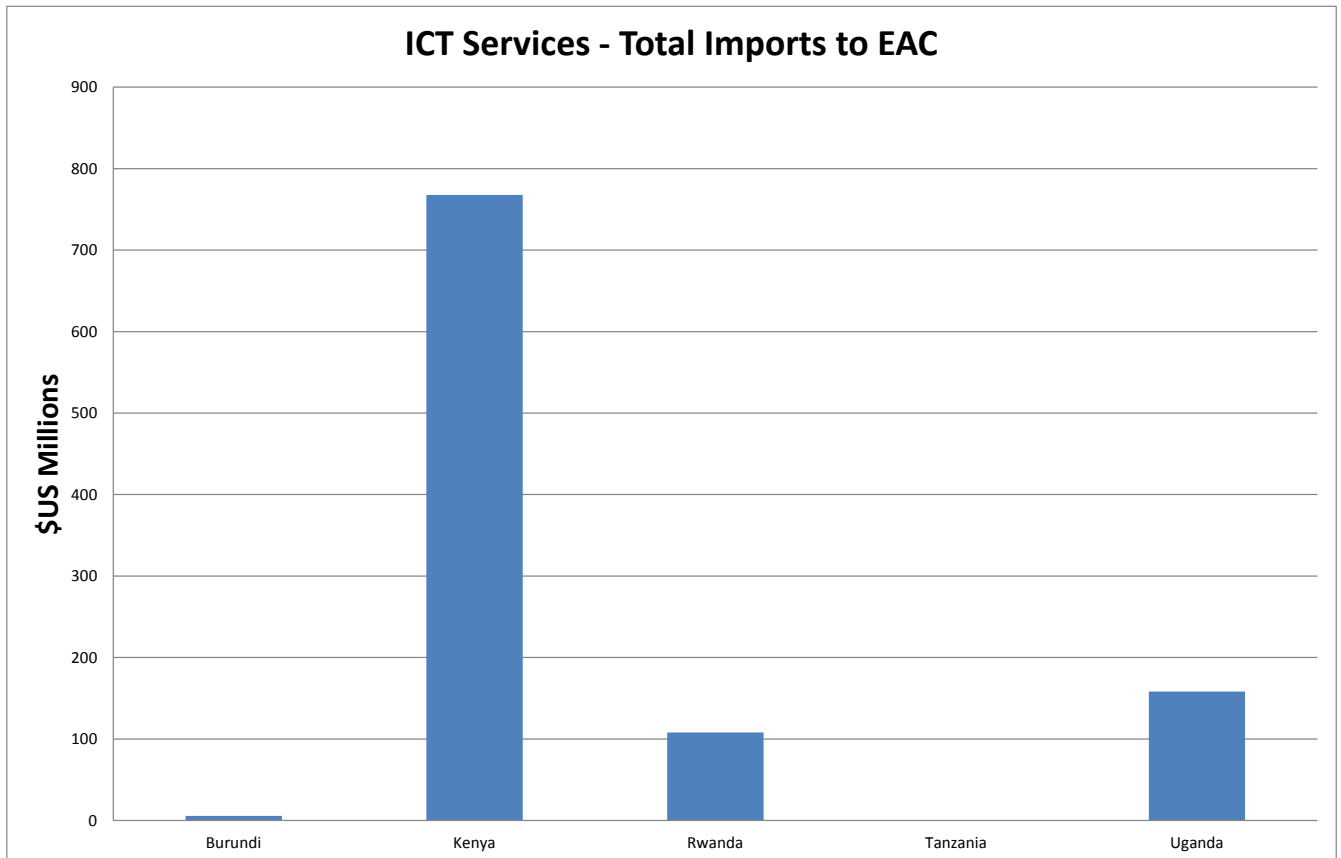


Figure 9: Total ICT Services Imports to EAC (Source: World Bank; Year: 2011; Basis: BPM6)

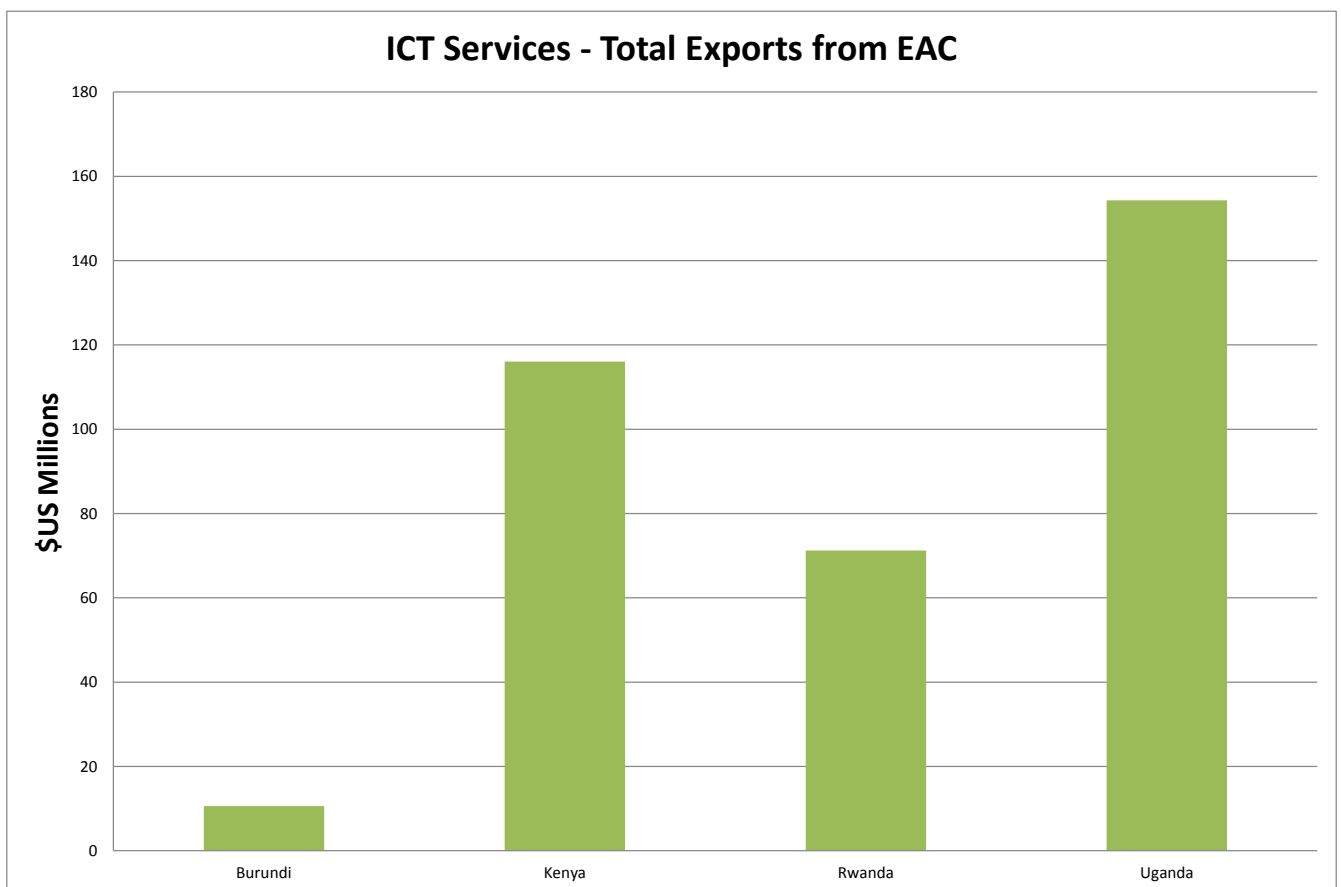


Figure 10: Total ICT Services Exports from EAC (Source: World Bank; Year: 2011; Basis: BPM6)

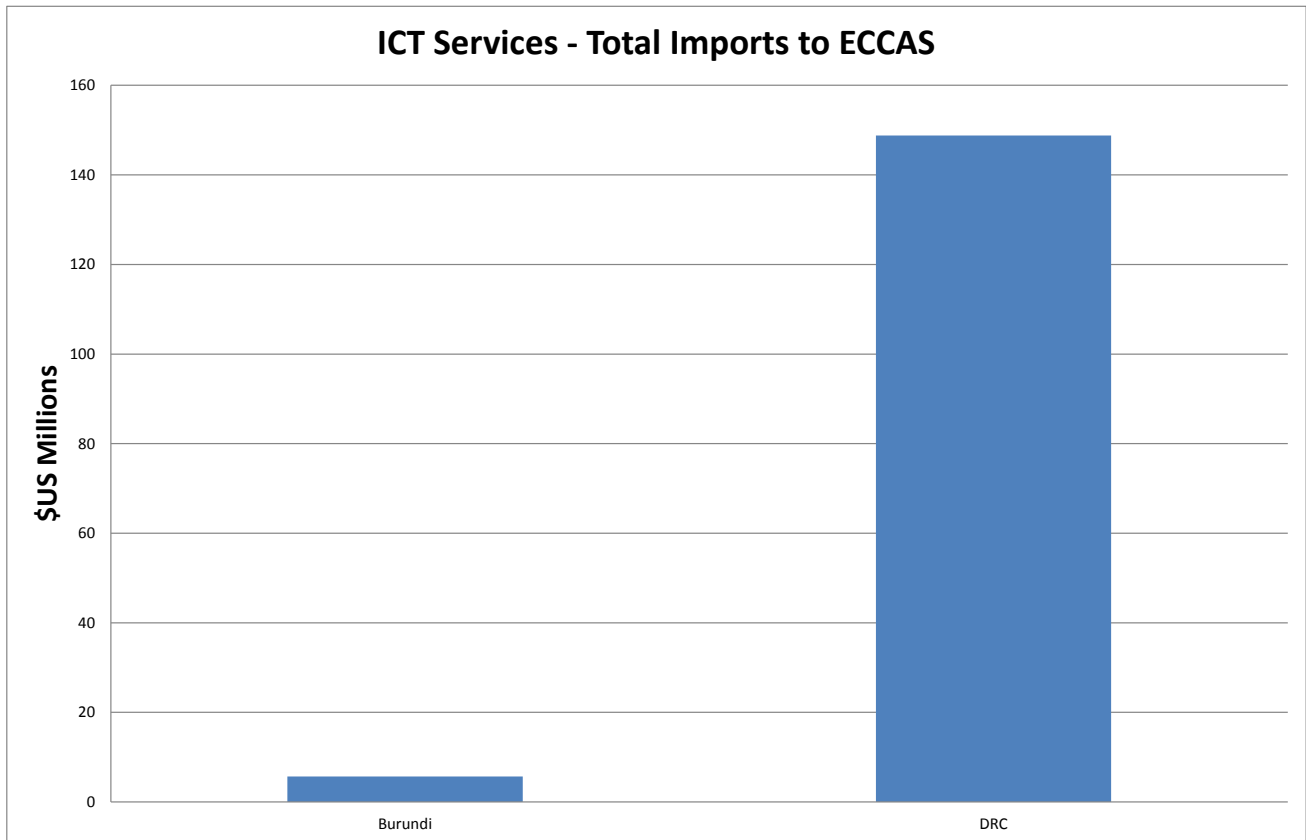


Figure 11: Total ICT Services Imports to ECCAS (Source: World Bank; Year: 2011; Basis: BPM6)

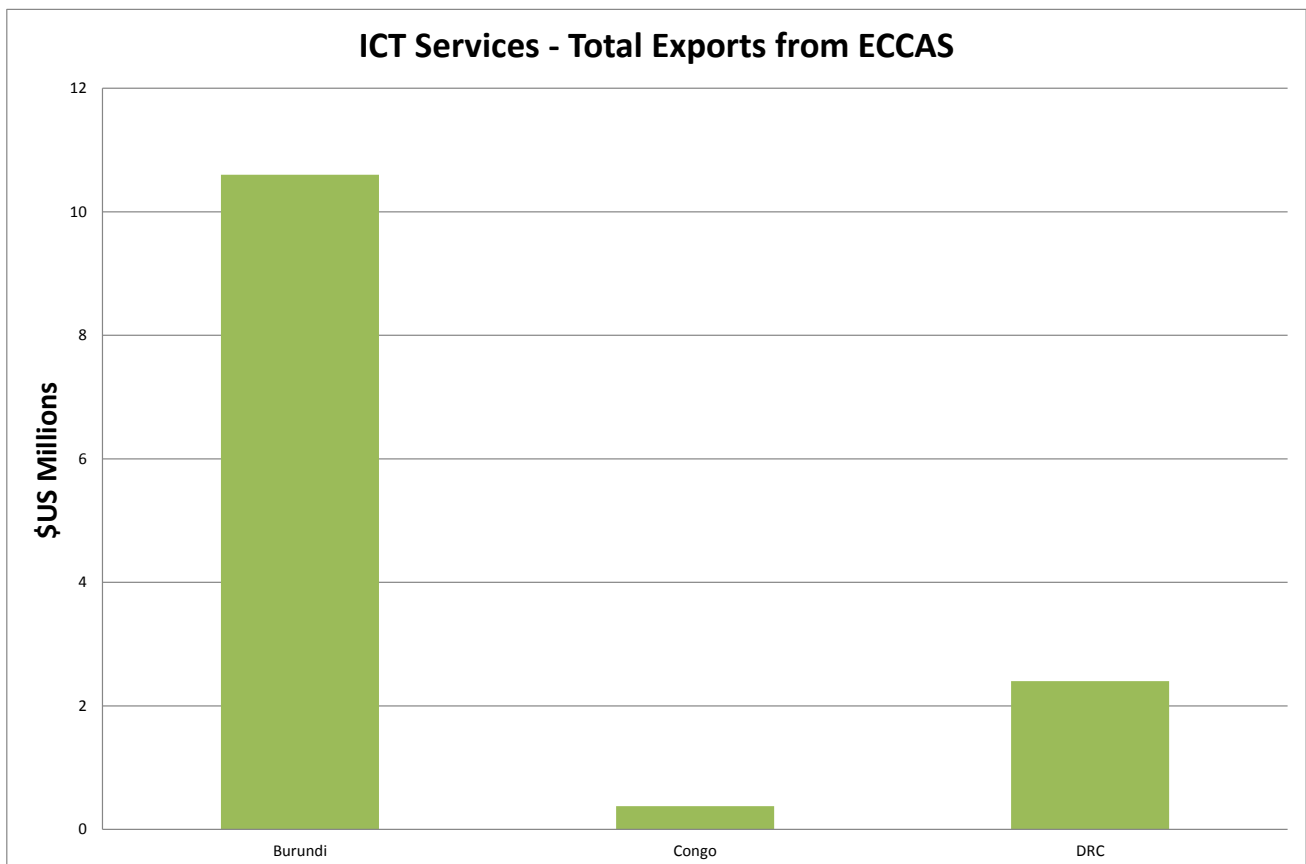


Figure 12: Total ICT Services Exports from ECCAS (Source: World Bank; Year: 2011; Basis: BPM6)

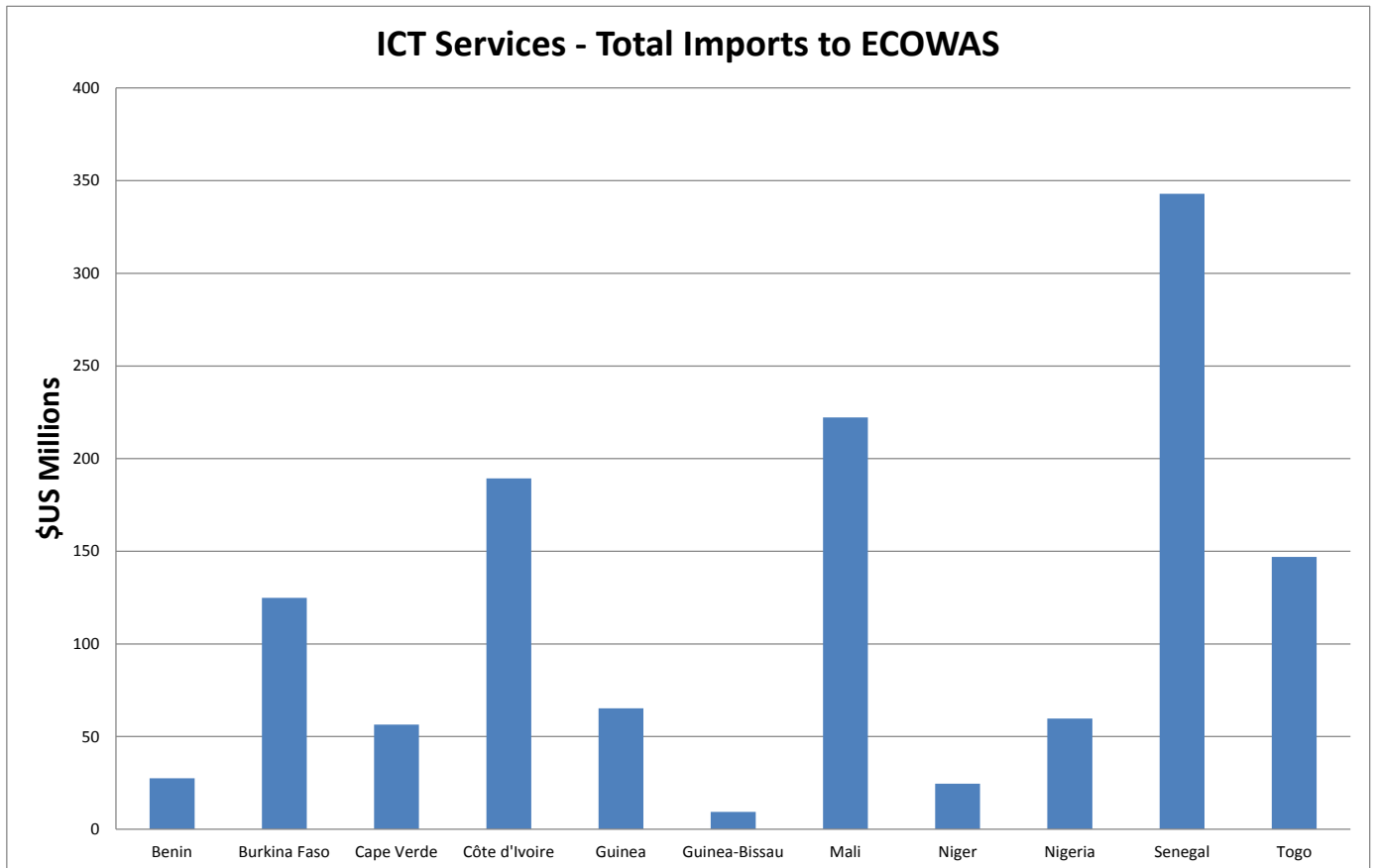


Figure 13: Total ICT Services Imports to ECOWAS (Source: World Bank; Year: 2011; Basis: BPM6)

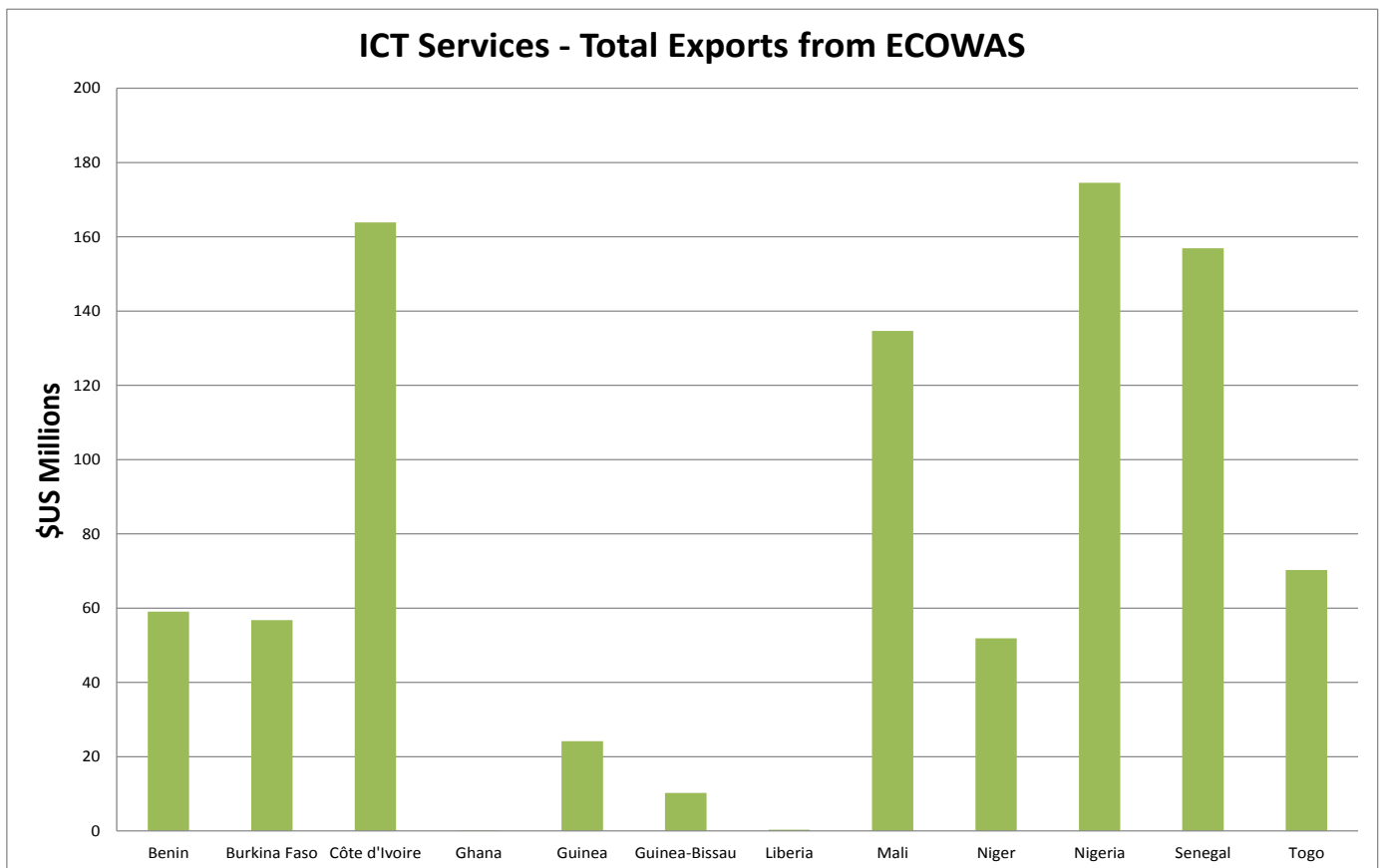


Figure 14: Total ICT Services Exports from ECOWAS (Source: World Bank; Year: 2011; Basis: BPM6)

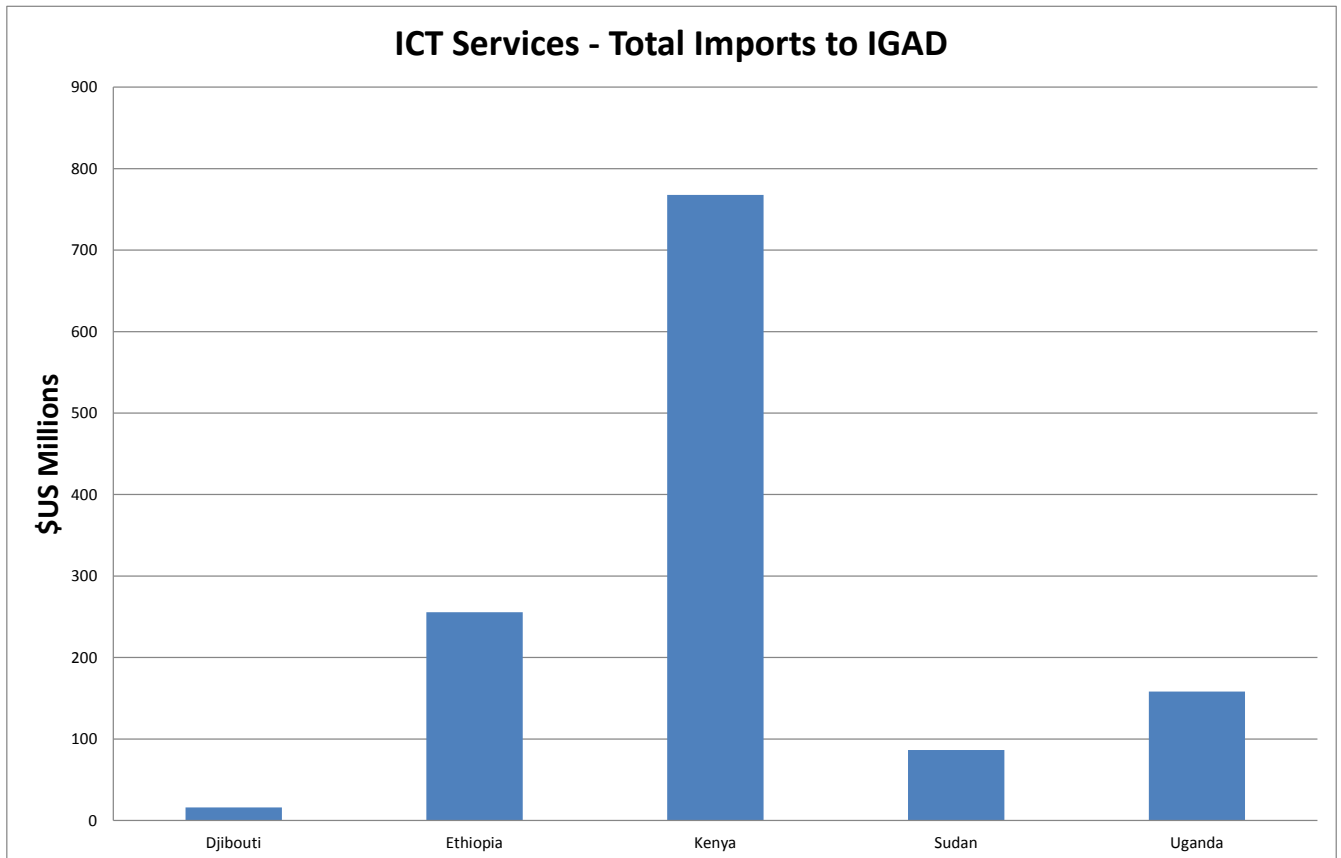


Figure 15: Total ICT Services Imports to IGAD (Source: World Bank; Year: 2011; Basis: BPM6)

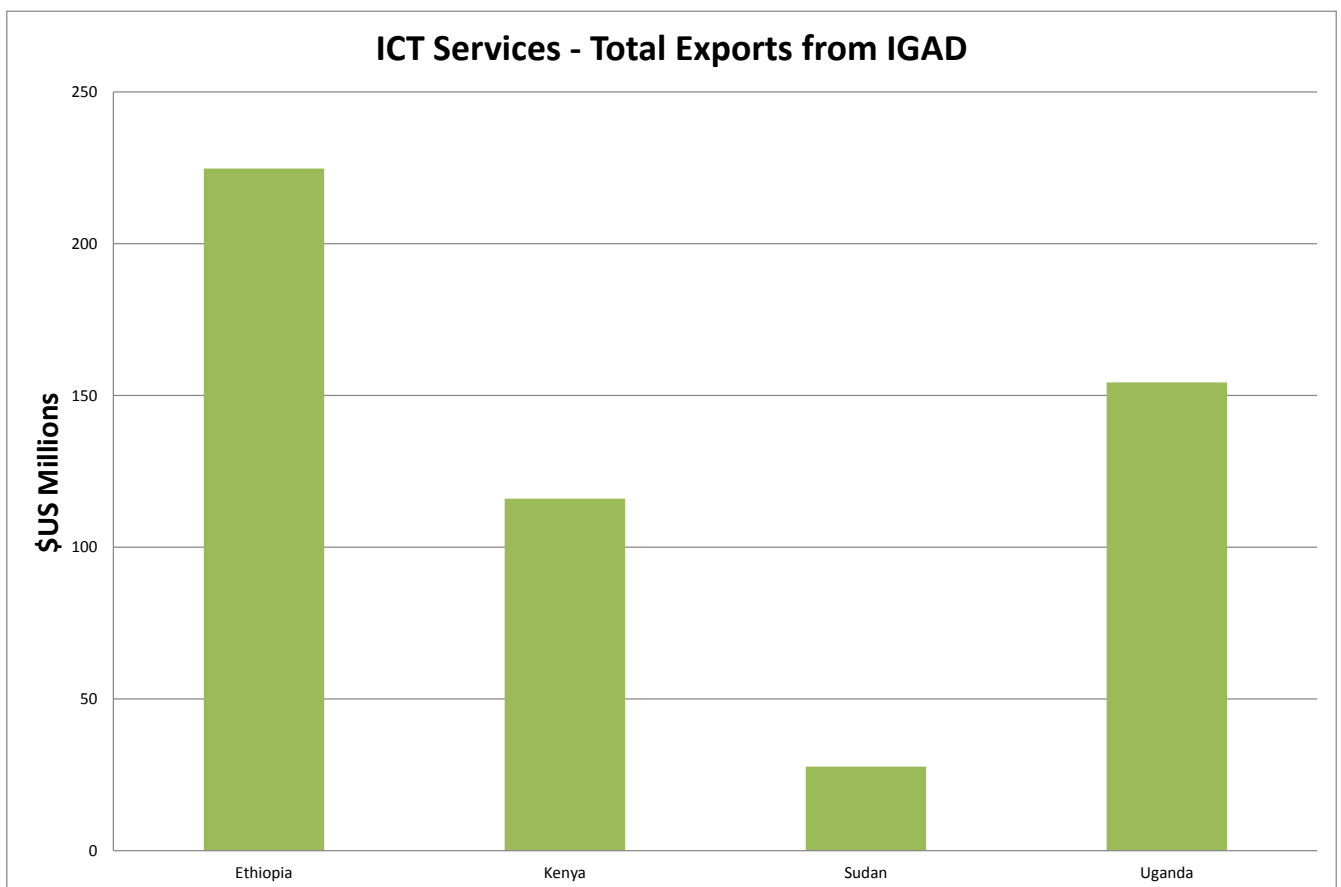


Figure 16: Total ICT Services Exports from IGAD (Source: World Bank; Year: 2011; Basis: BPM6)

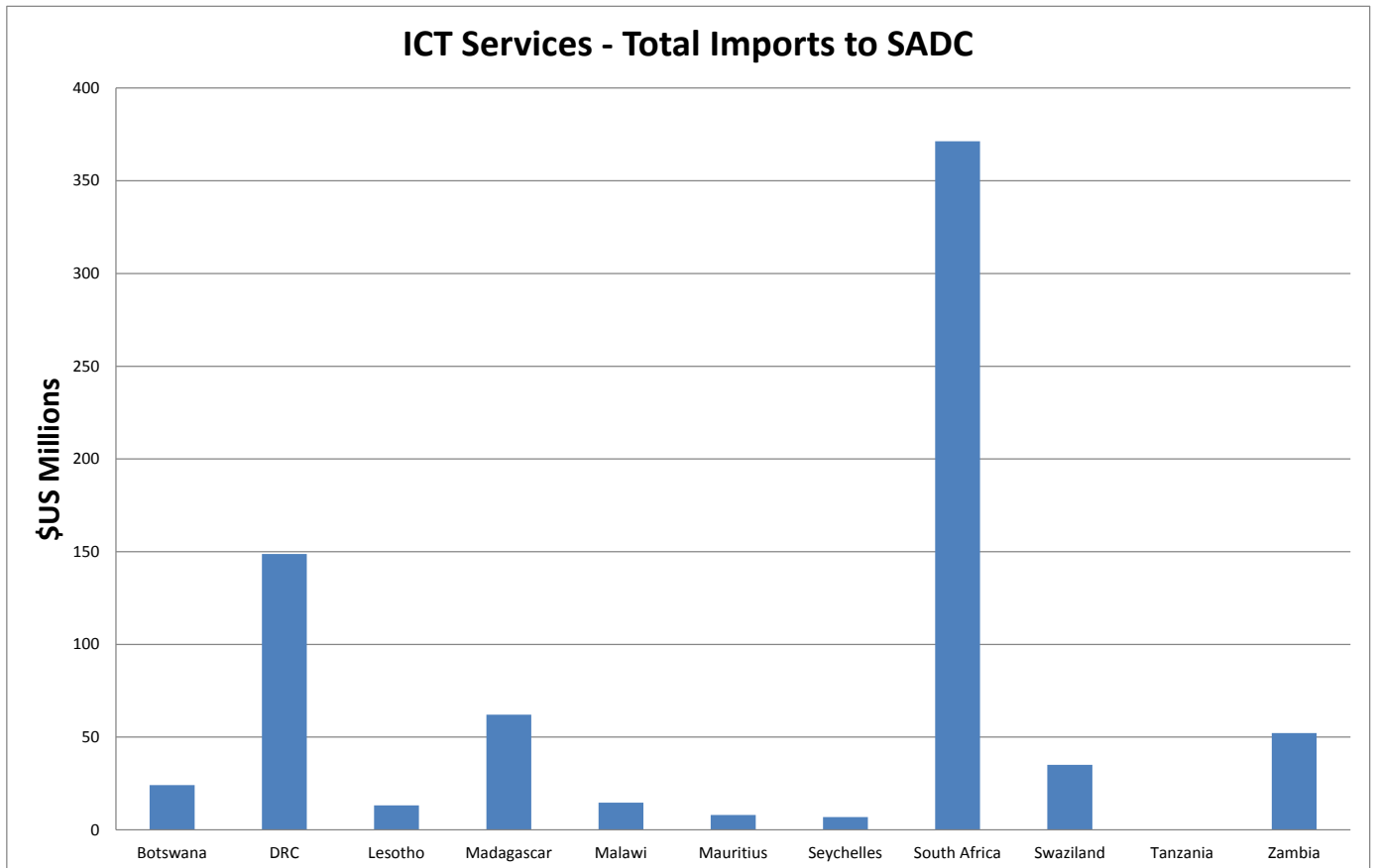


Figure 17: Total ICT Services Imports to SADC (Source: World Bank; Year: 2011; Basis: BPM6)

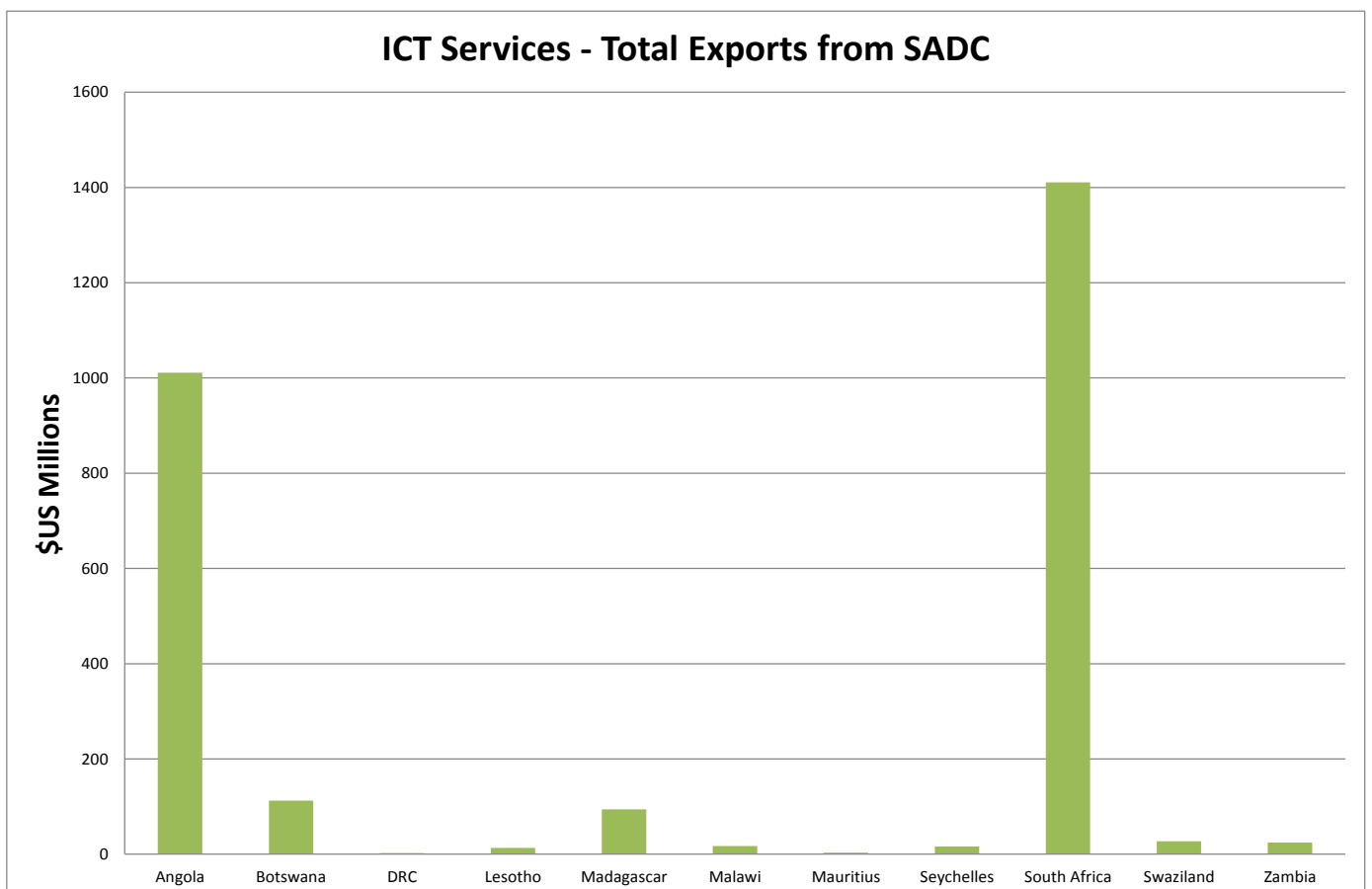


Figure 18: Total ICT Services Exports from SADC (Source: World Bank; Year: 2011; Basis: BPM6)

ICT Services – Intra RECs and ROW Trade

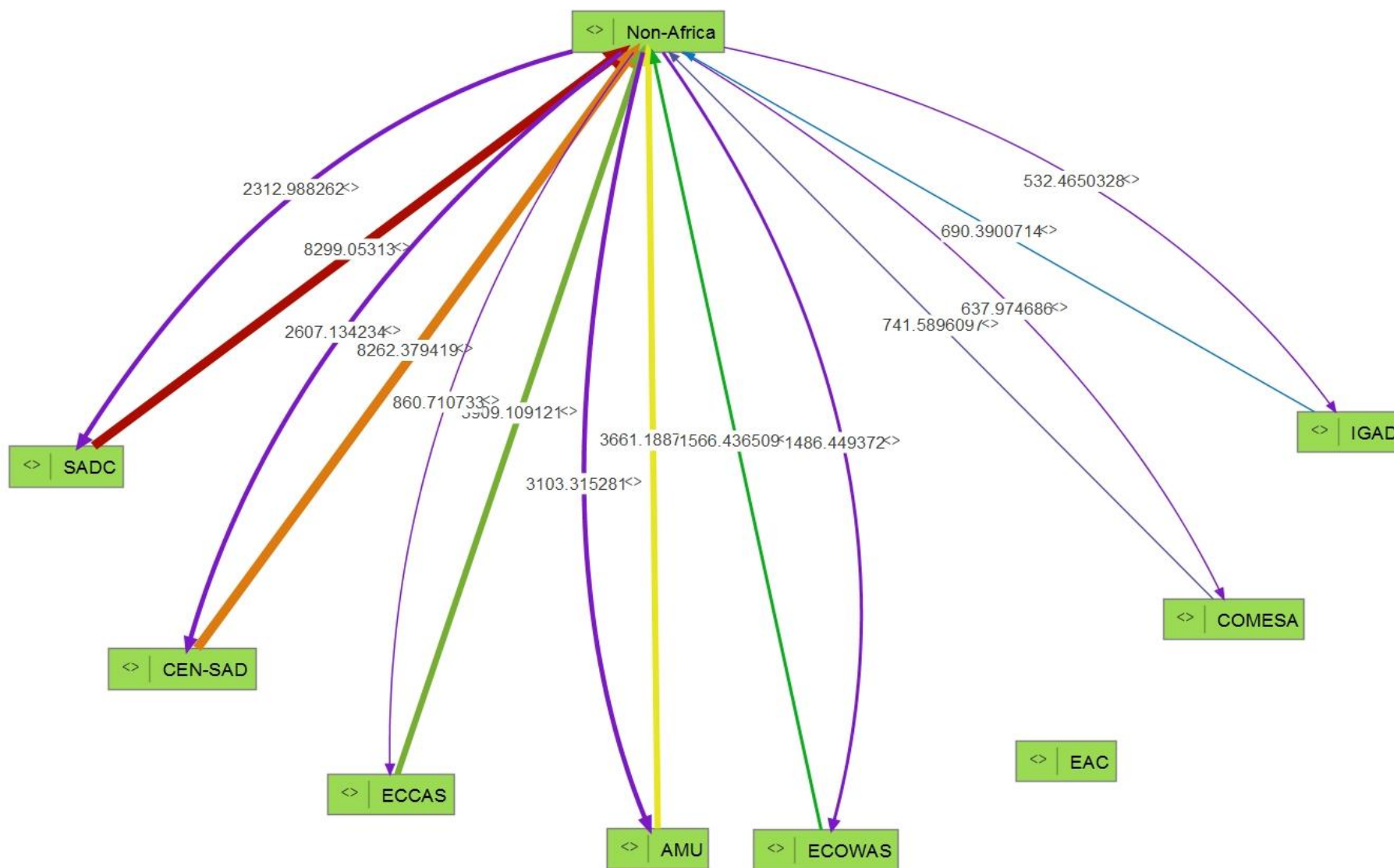


Figure 19: Intra RECs and ROW Trade (exports only) in ICT Services (Source: GTAP; Year: 2007; Basis: ISIC rev3)

Intra-African ICT Services Trade – Main Players

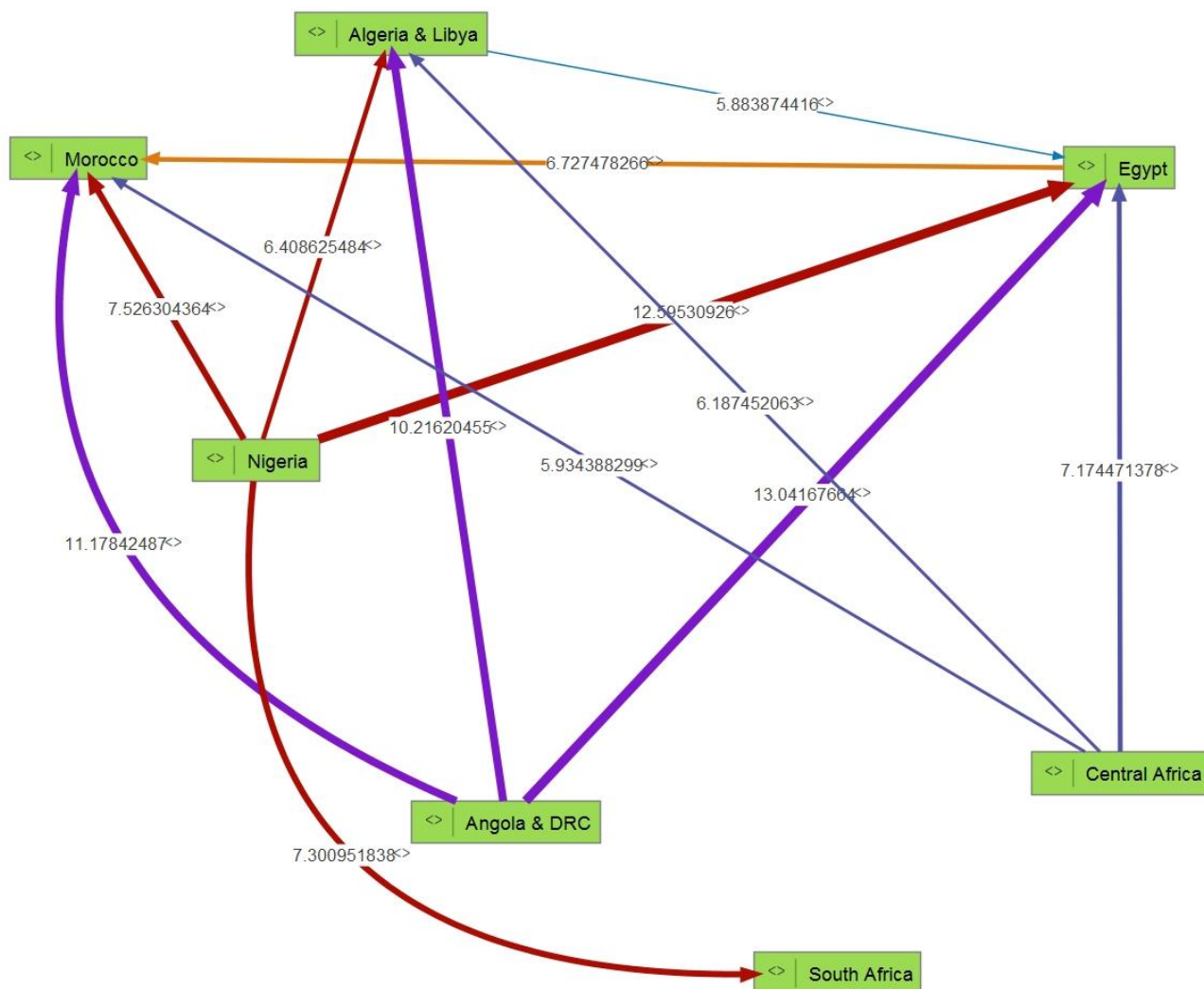


Figure 20: Africa Main Players – Intra-African Trade in ICT Services (Source: GTAP; Year: 2007; Basis: ISIC rev3)

ICT Services - Intra AMU Trade

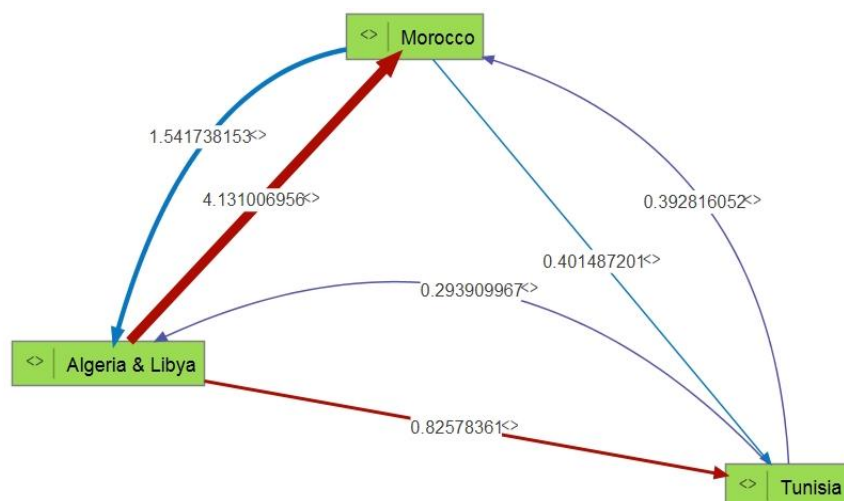


Figure 21: Intra AMU Trade in ICT Services (Source: GTAP; Year: 2007; Basis: ISIC rev3)

Note that for the bilateral trade flow figures, a non-connected country node indicates that trade levels for this country fall below the threshold, not that they are zero. This applies to the following figure and the rest of the intra-African trade figures on the following pages.

ICT Services – Intra CEN-SAD Trade

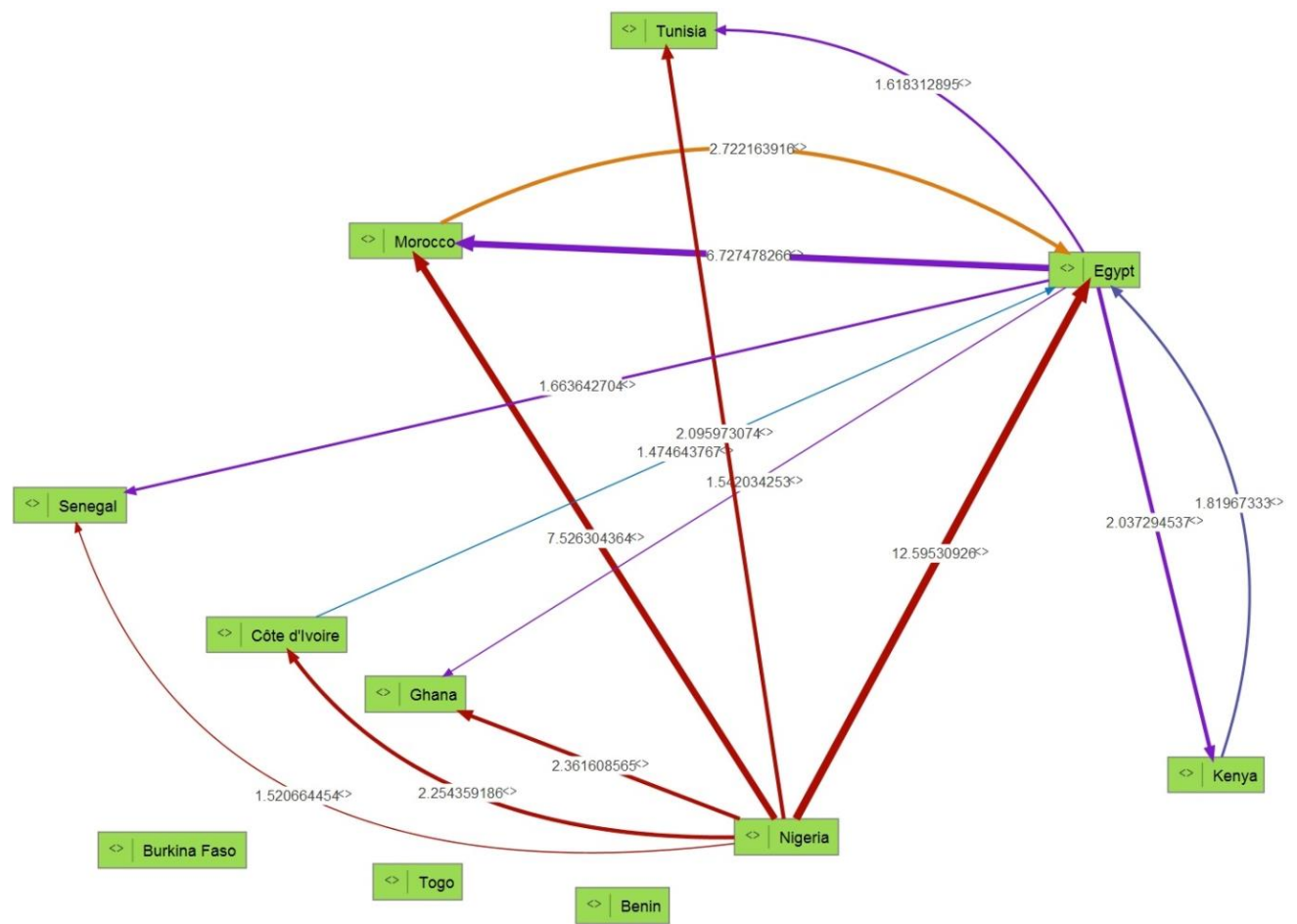


Figure 22: Intra CEN-SAD Trade in ICT Services (Source: GTAP; Year: 2007; Basis: ISIC rev3)

ICT Services – Intra COMESA Trade

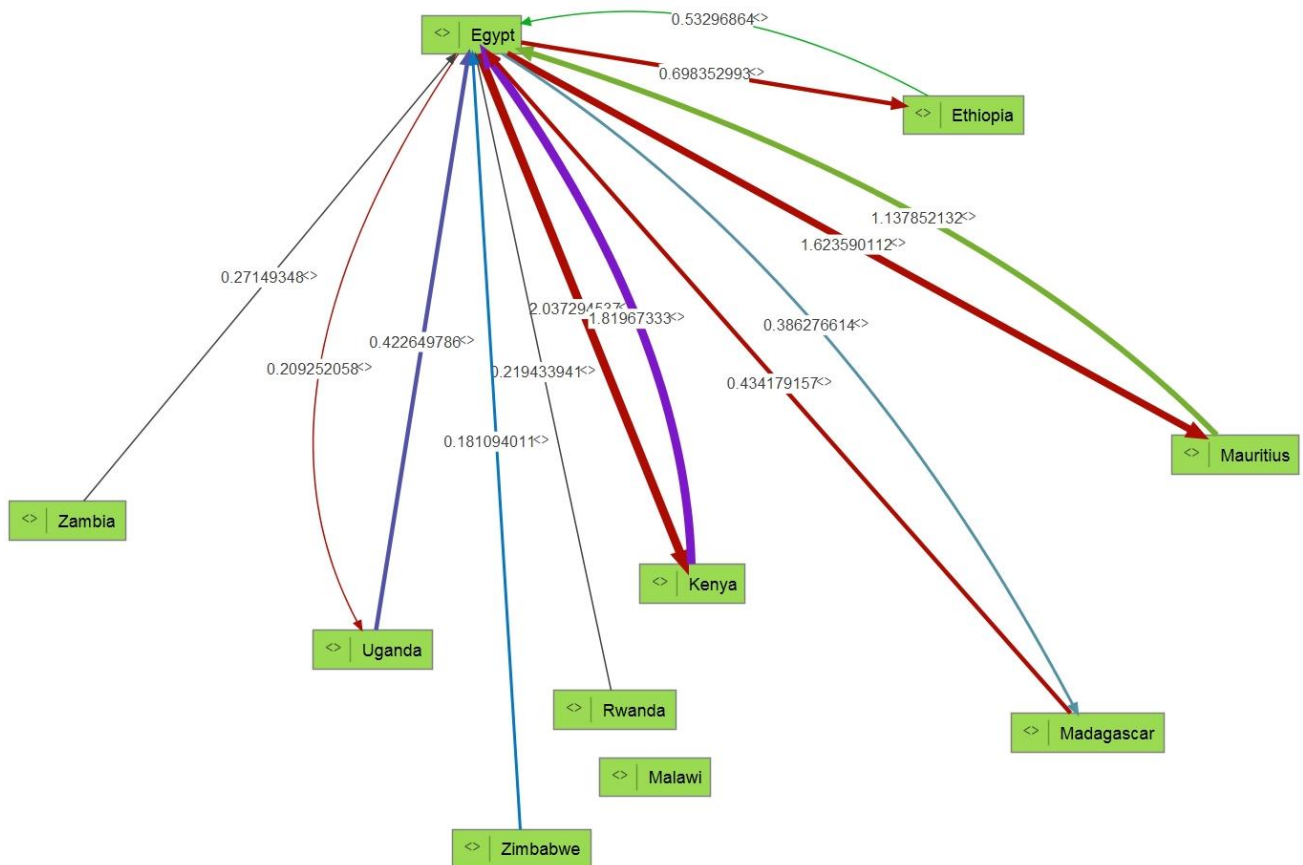


Figure 23: Intra COMESA Trade in ICT Services (Source: GTAP; Year: 2007; Basis: ISIC rev3)

ICT Services – Intra EAC Trade

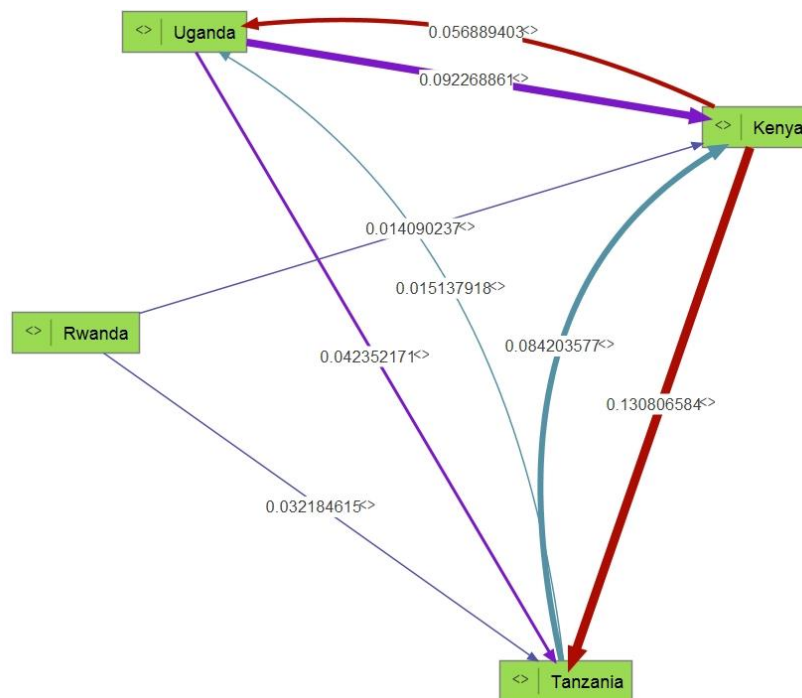


Figure 24: Intra EAC Trade in ICT Services (Source: GTAP; Year: 2007; Basis: ISIC rev3)

ICT Services – Intra ECOWAS Trade

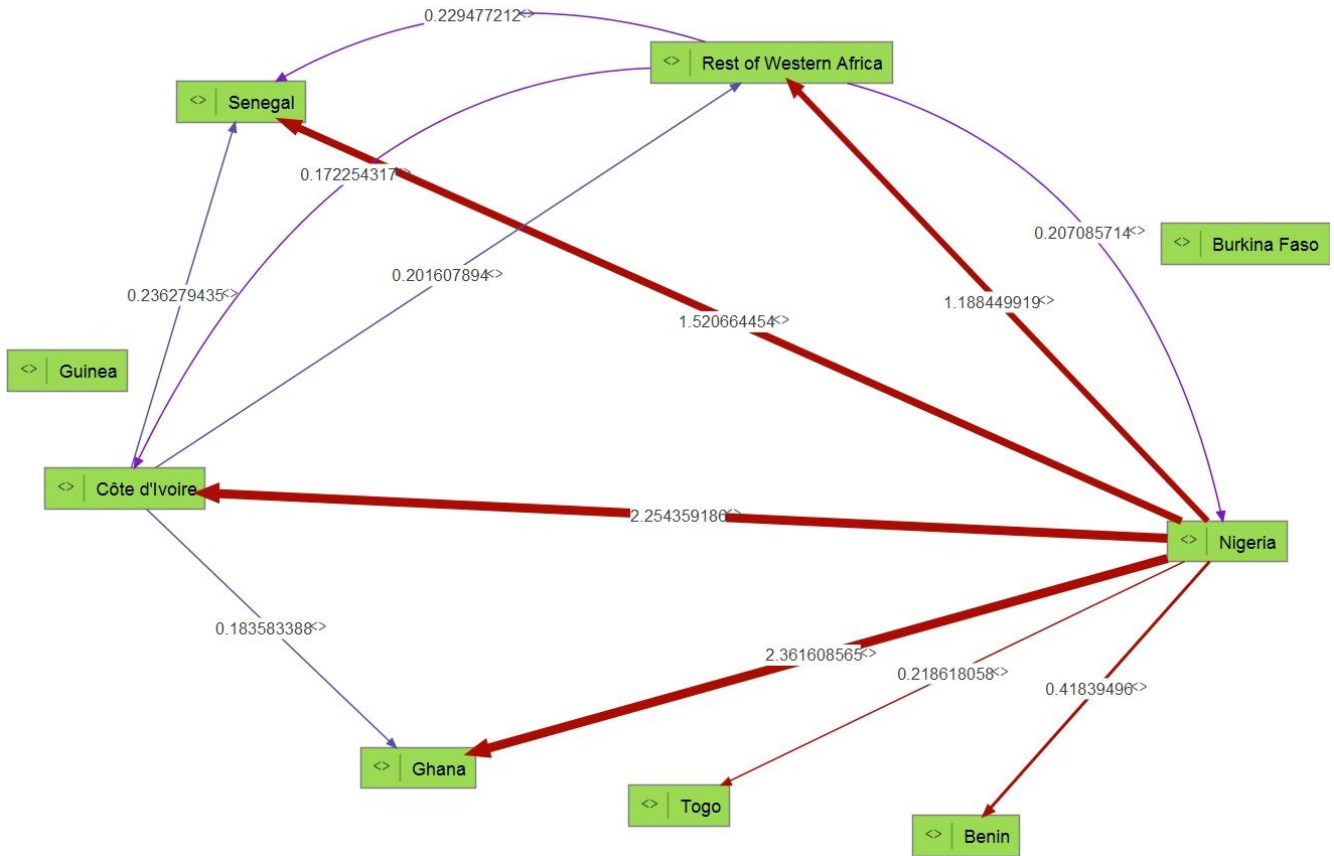


Figure 25: Intra ECOWAS Trade in ICT Services (Source: GTAP; Year: 2007; Basis: ISIC rev3)

ICT Services – Intra IGAD Trade

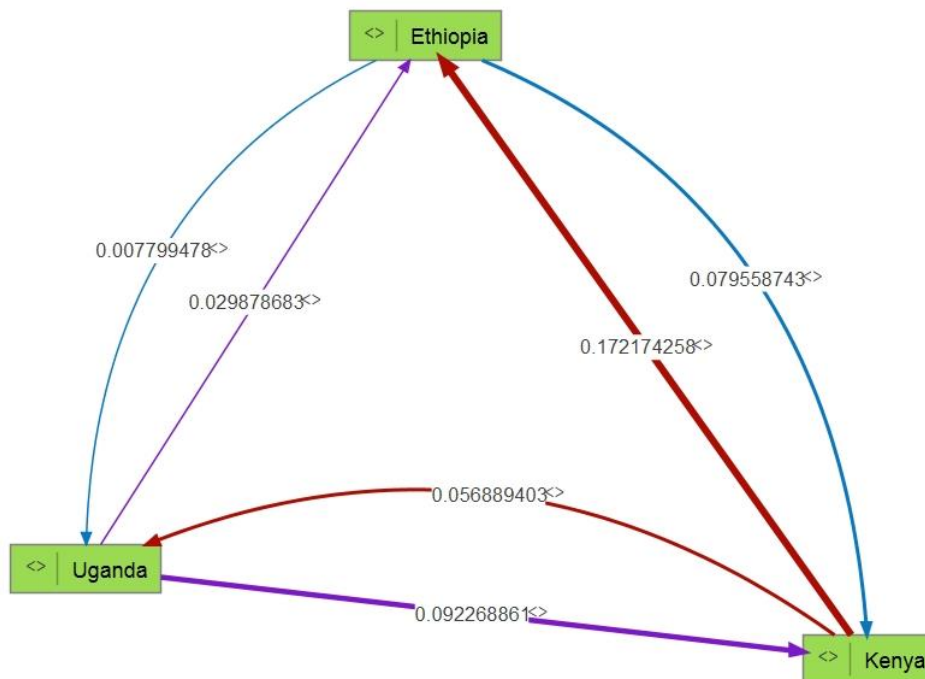


Figure 26: Intra IGAD Trade in ICT Services (Source: GTAP; Year: 2007; Basis: ISIC rev3)

ICT Services – Intra SADC Trade

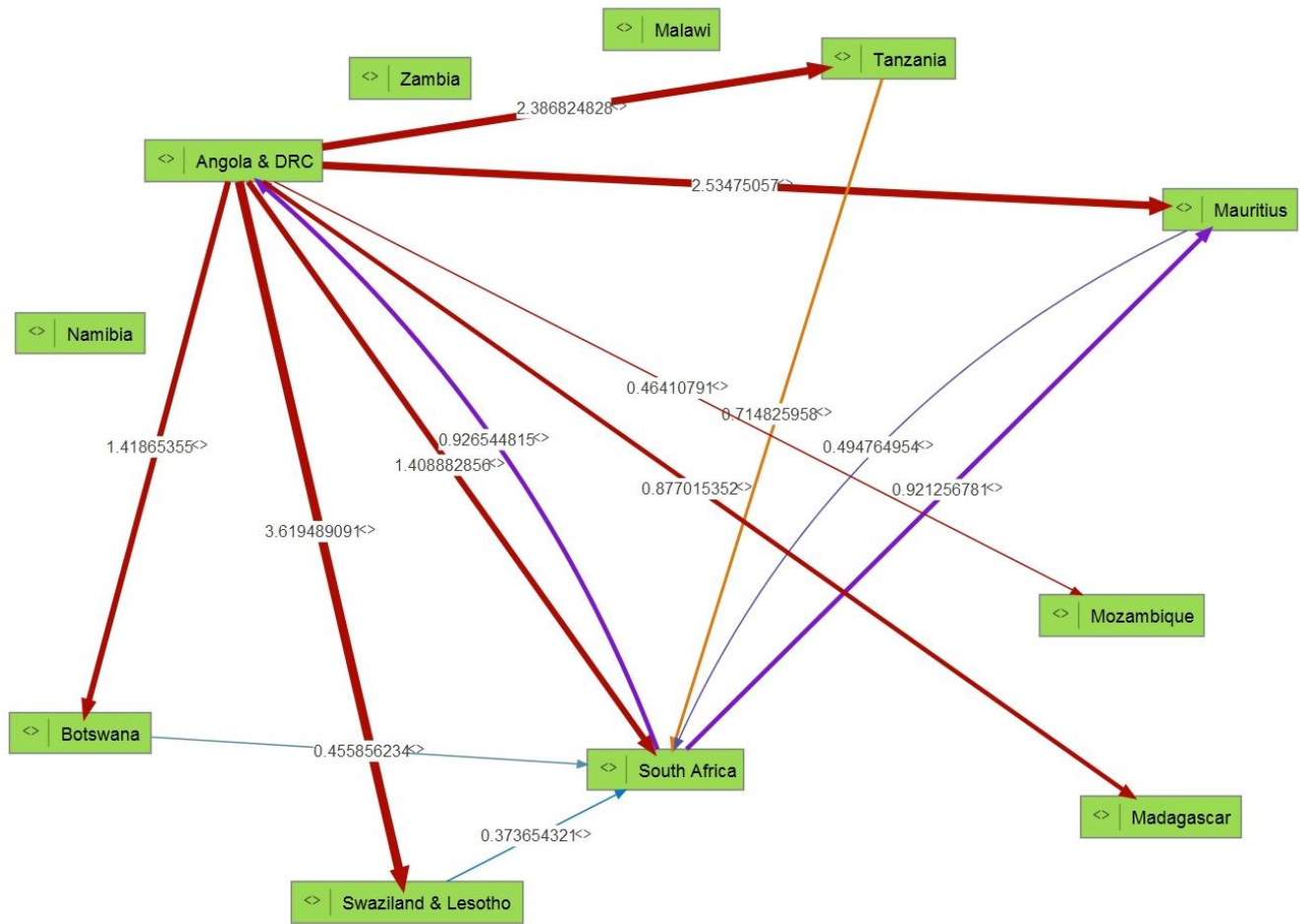


Figure 27: Intra SADC Trade in ICT Services (Source: GTAP; Year: 2007; Basis: ISIC rev3)

IT & Other Business Services – Export Value Added – All Africa

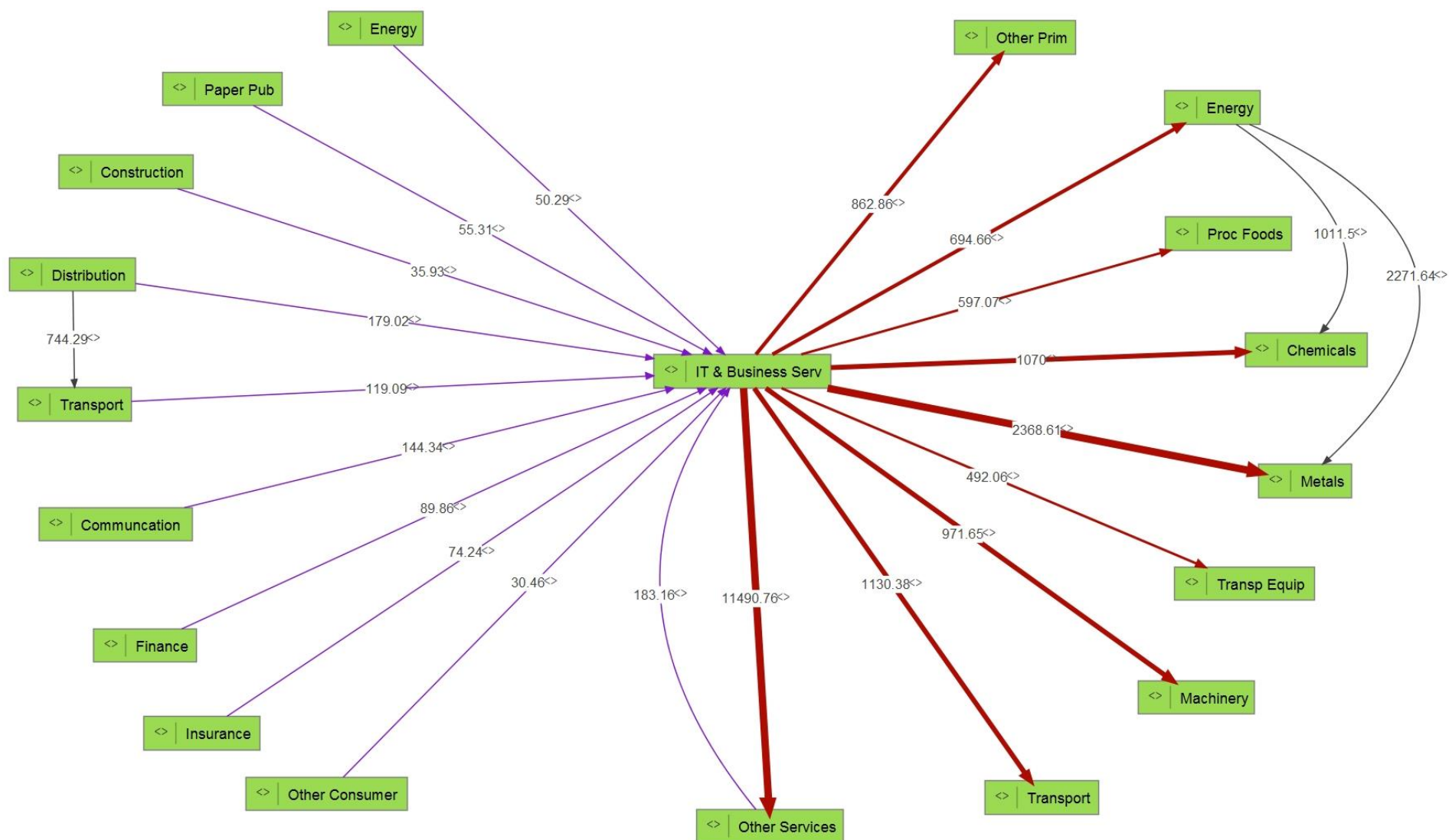


Figure 28: IT & Other Business Services - Value Added to Exports of Sector – All Africa (Source: GTAP; Year: 2011; Basis: ISIC rev3)

IT & Other Business Services – Export Value Added – AMU

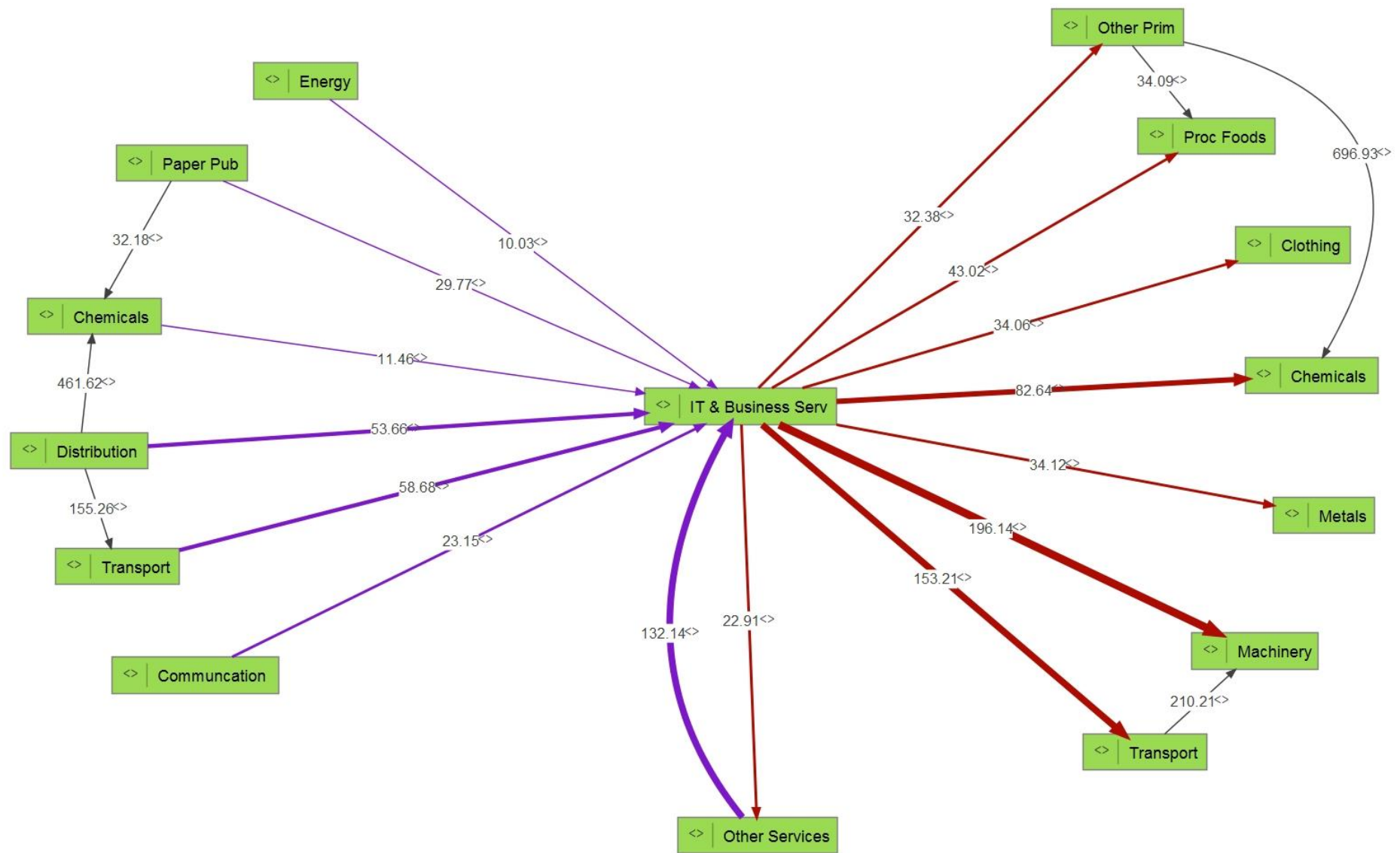


Figure 29: IT & Other Business Services - Value Added to Exports of Sector – AMU (Source: GTAP; Year: 2011; Basis: ISIC rev3)

IT & Other Business Services – Export Value Added – CEN-SAD

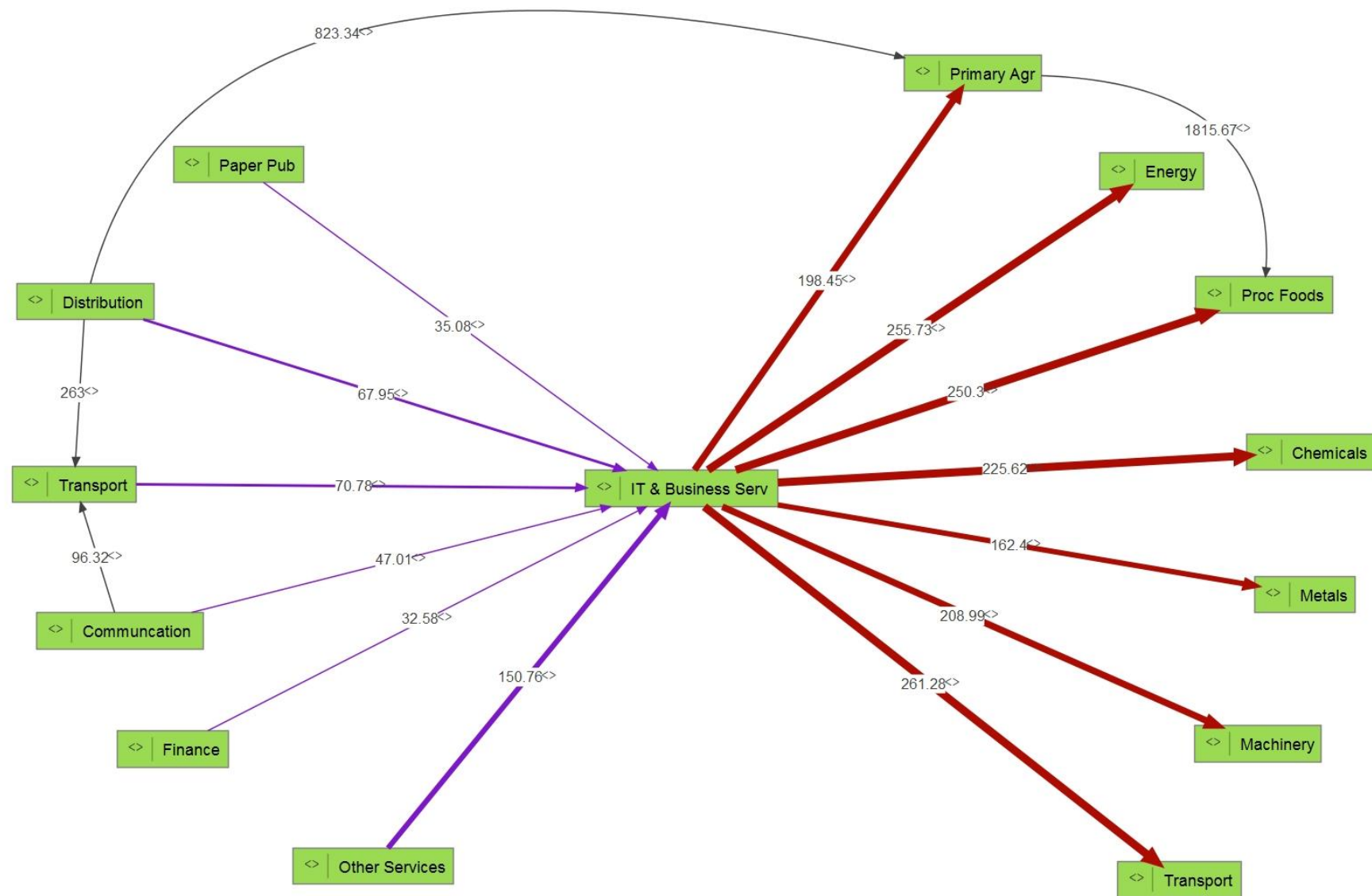


Figure 30: IT & Other Business Services - Value Added to Exports of Sector – CEN-SAD (Source: GTAP; Year: 2011; Basis: ISIC rev3)

IT & Other Business Services – Export Value Added – COMESA



Figure 31: IT & Other Business Services - Value Added to Exports of Sector – COMESA (Source: GTAP; Year: 2011; Basis: ISIC rev3)

IT & Other Business Services – Export Value Added – EAC

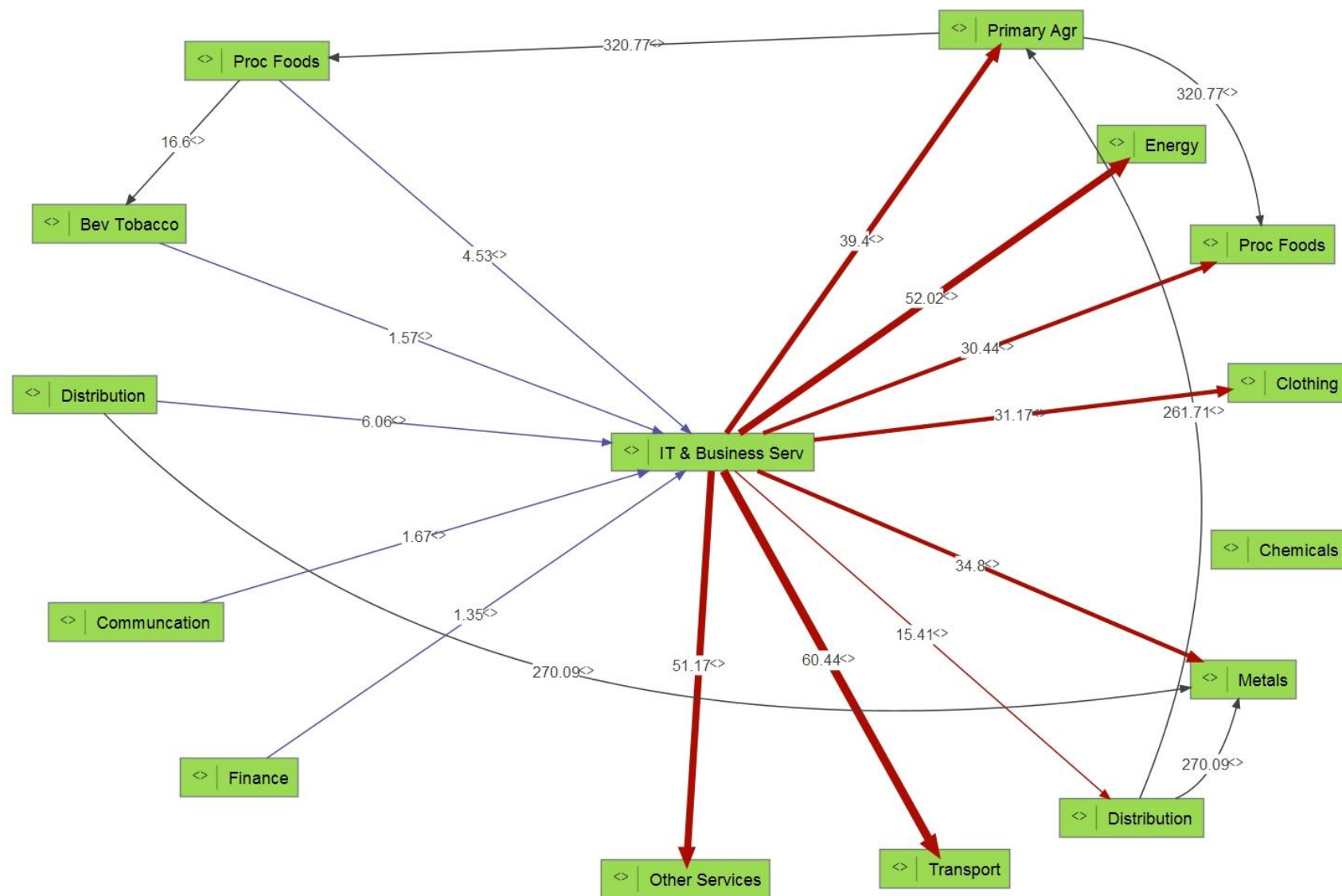


Figure 32: IT & Other Business Services - Value Added to Exports of Sector – EAC (Source: GTAP; Year: 2011; Basis: ISIC rev3)

IT & Other Business Services – Export Value Added – ECOWAS

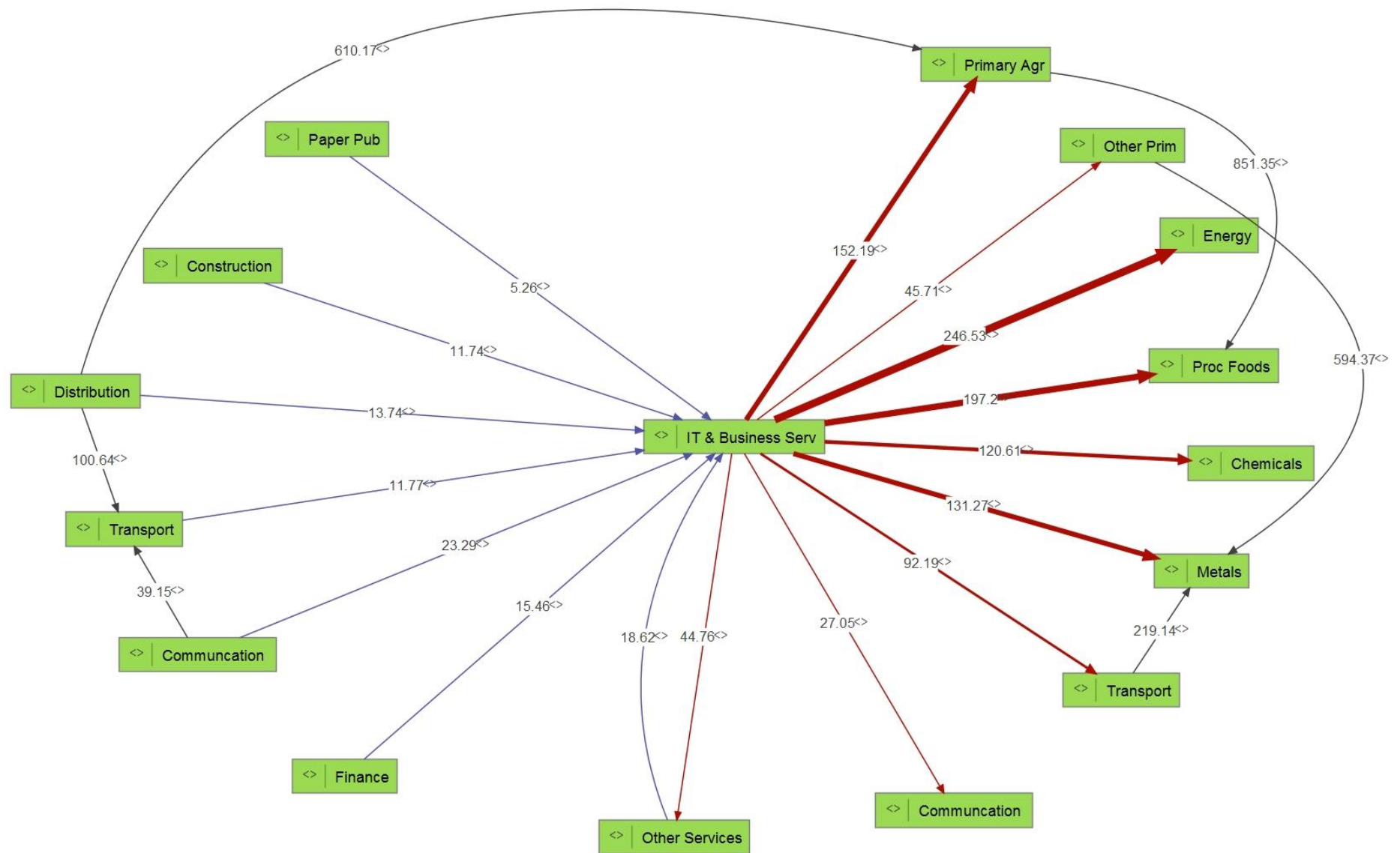


Figure 33: IT & Other Business Services - Value Added to Exports of Sector – ECOWAS (Source: GTAP; Year: 2011; Basis: ISIC rev3)

IT & Other Business Services – Export Value Added – IGAD

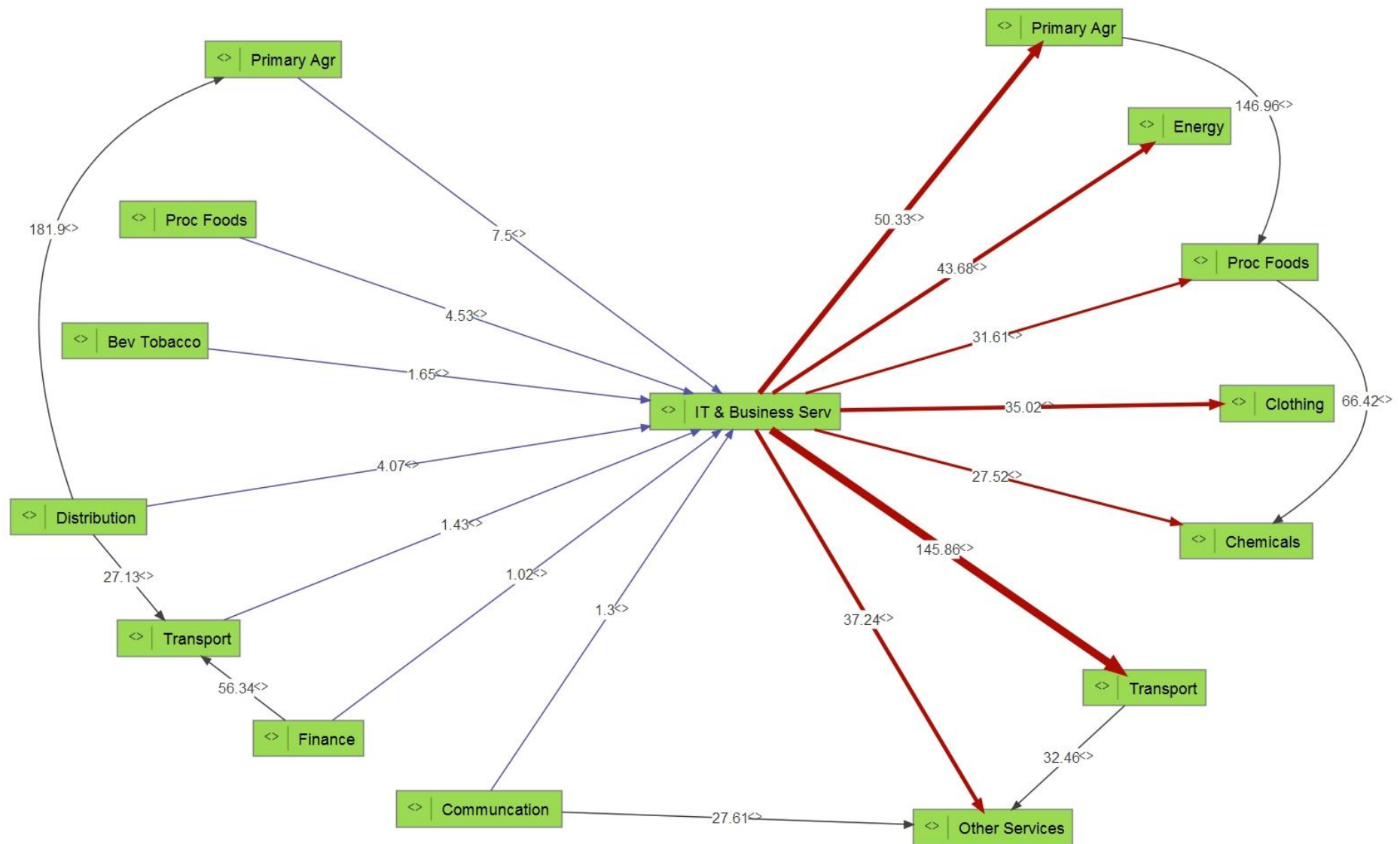


Figure 34: IT & Other Business Services - Value Added to Exports of Sector – IGAD (Source: GTAP; Year: 2011; Basis: ISIC rev3)

IT & Other Business Services – Export Value Added – SADC

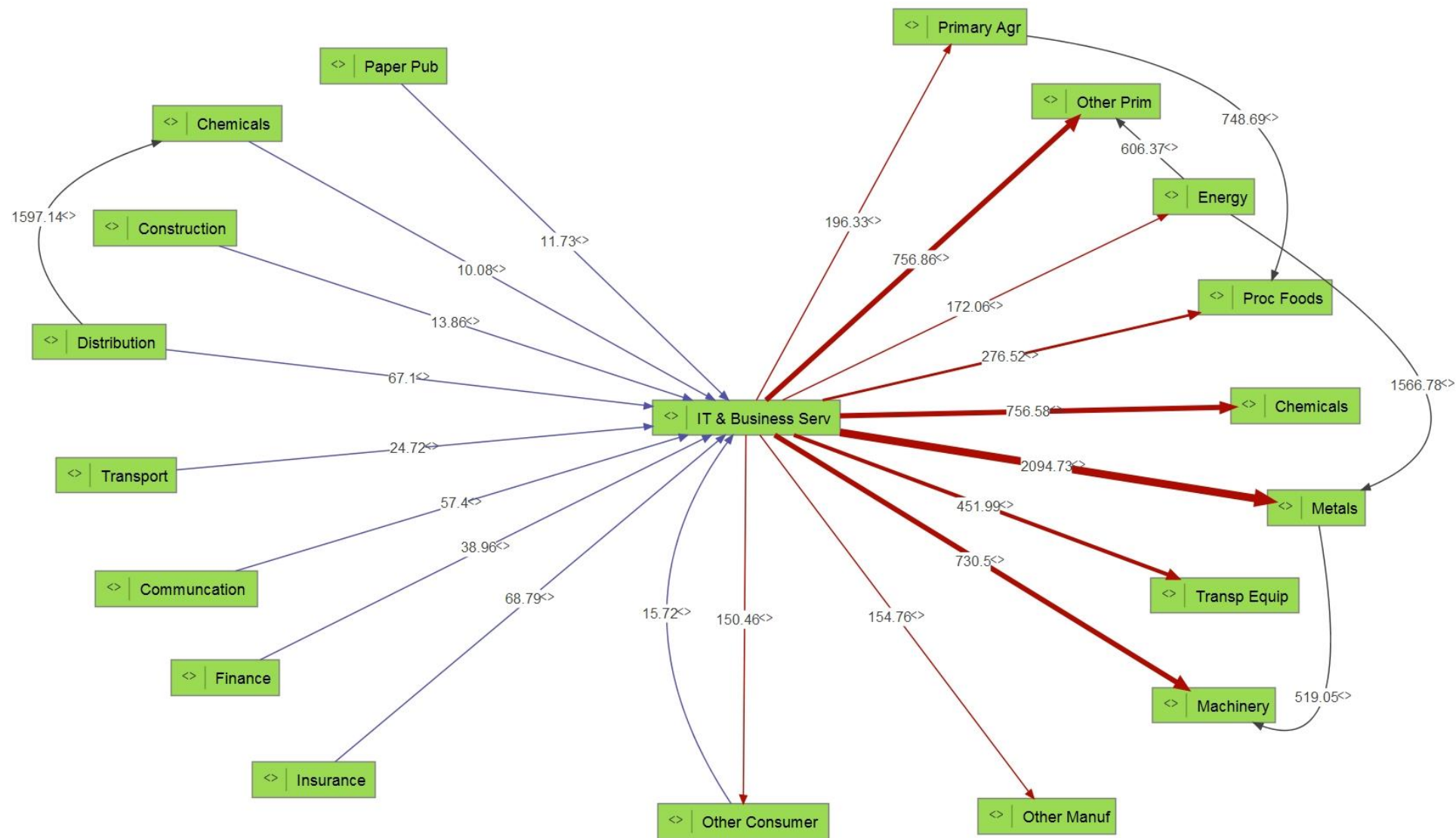


Figure 35: IT & Other Business Services - Value Added to Exports of Sector – SADC (Source: GTAP; Year: 2011; Basis: ISIC rev3)

Services Trade Restrictions Index - Telecommunications

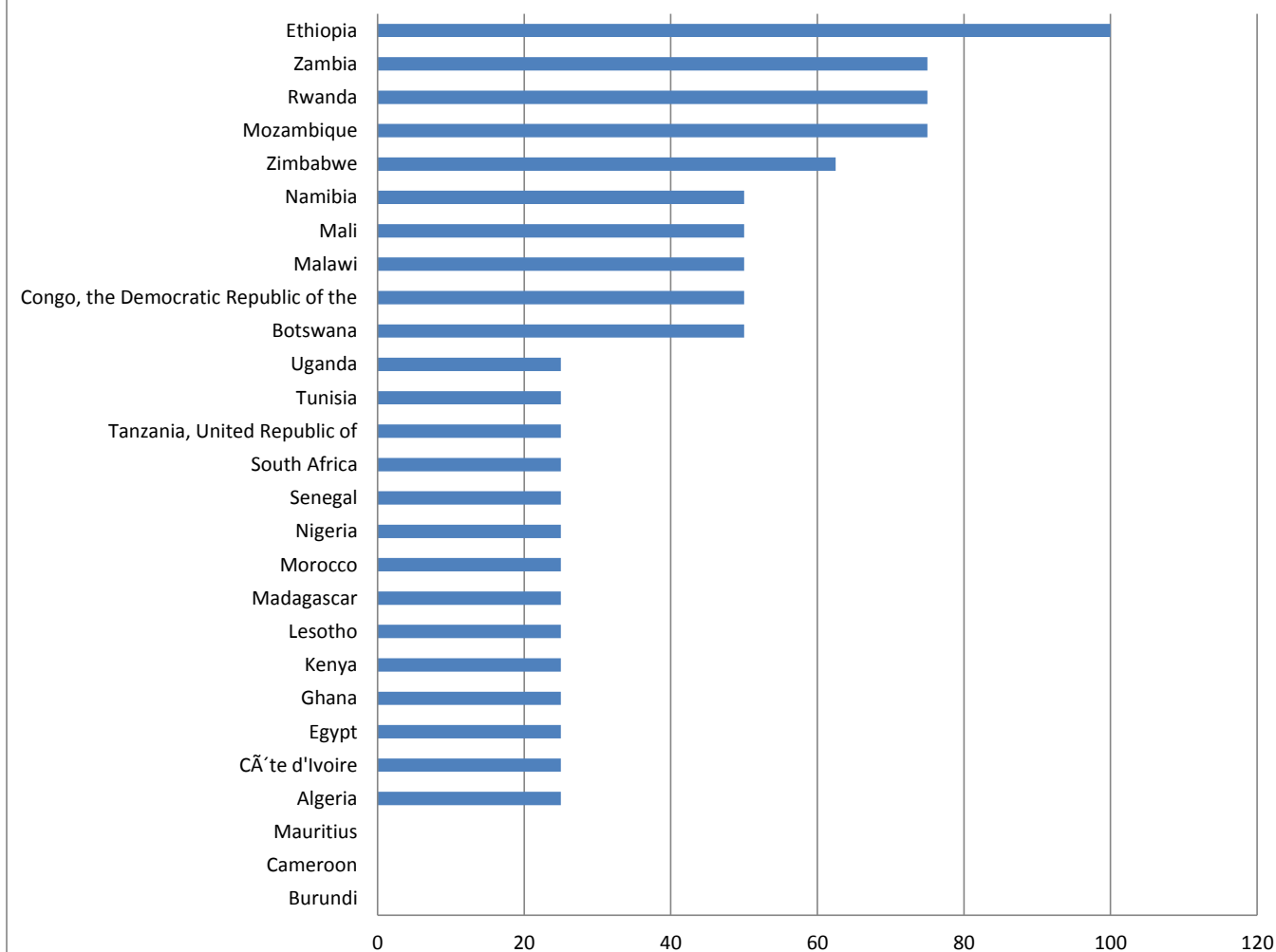


Figure 36: Communication Services - Services Trade Restrictions Indices (Source: World Bank; Year: 2010)